

El-Fiky's

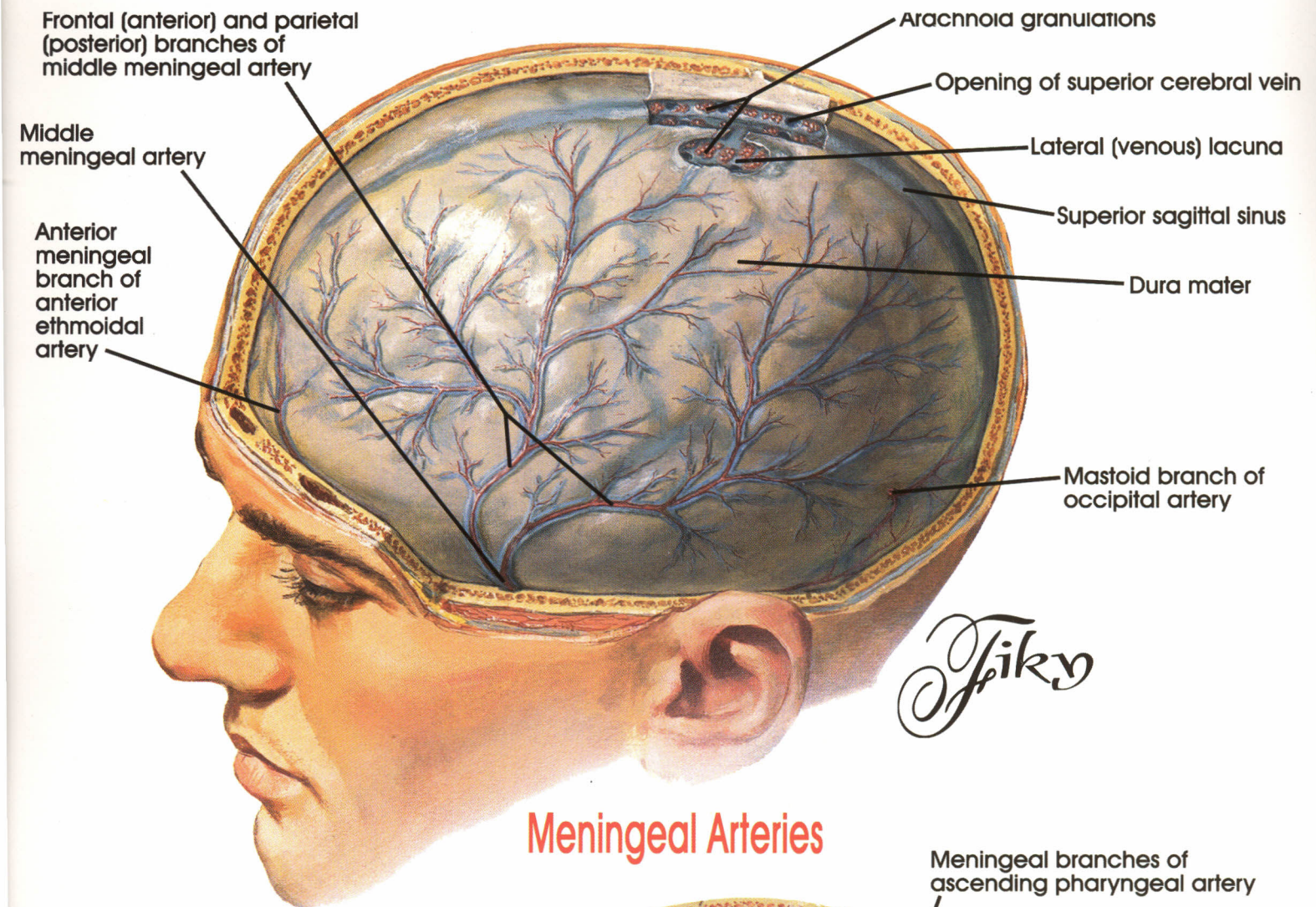
MINI ATLAS OF
ANATOMY
PART VI
NEURO ANATOMY



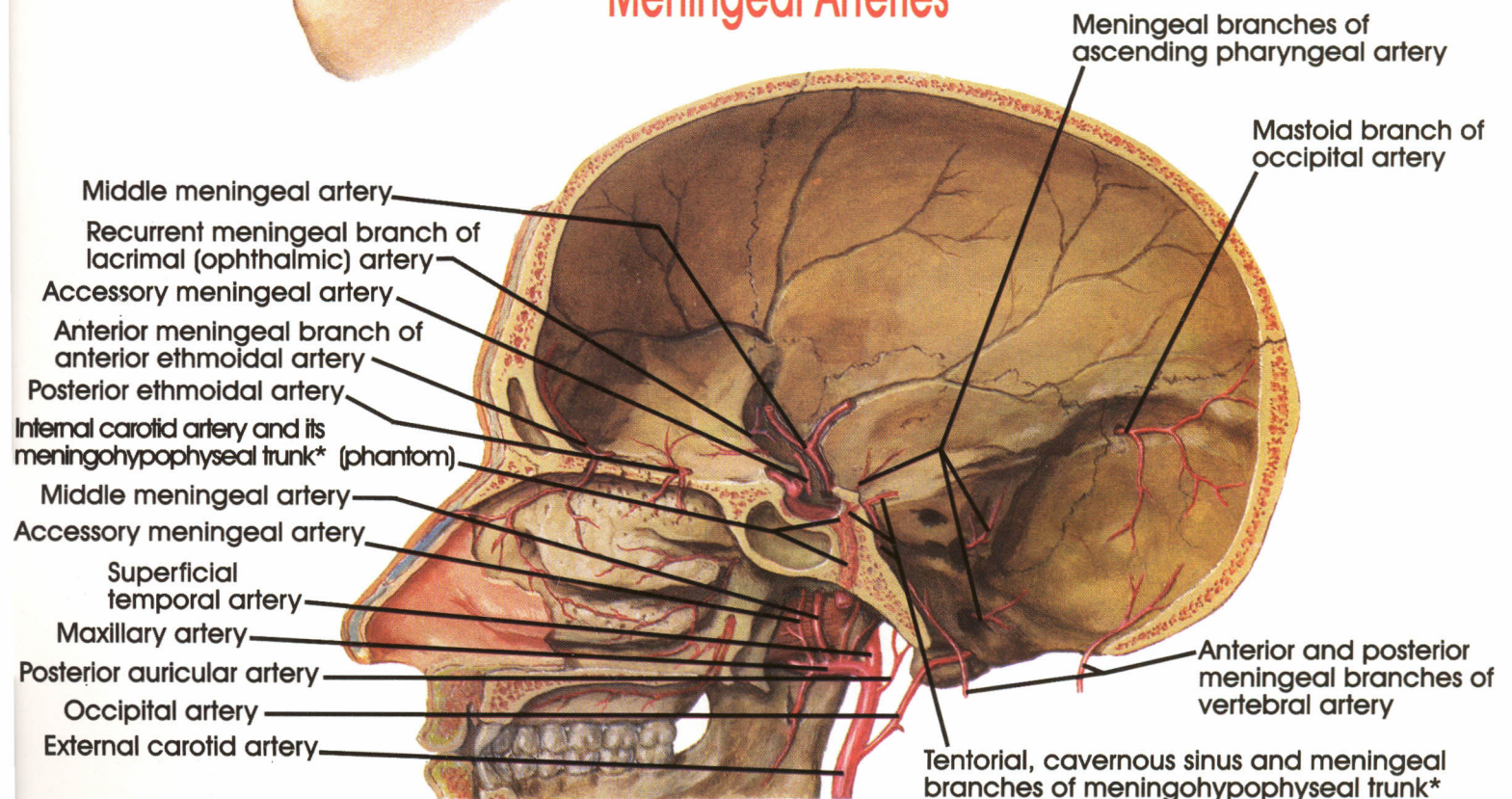
DR. MOHAMED EL-FIKY
Assist.Prof. of Anatomy & Embryology
Faculty of Medicine Menoufia university

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LANZAROTE
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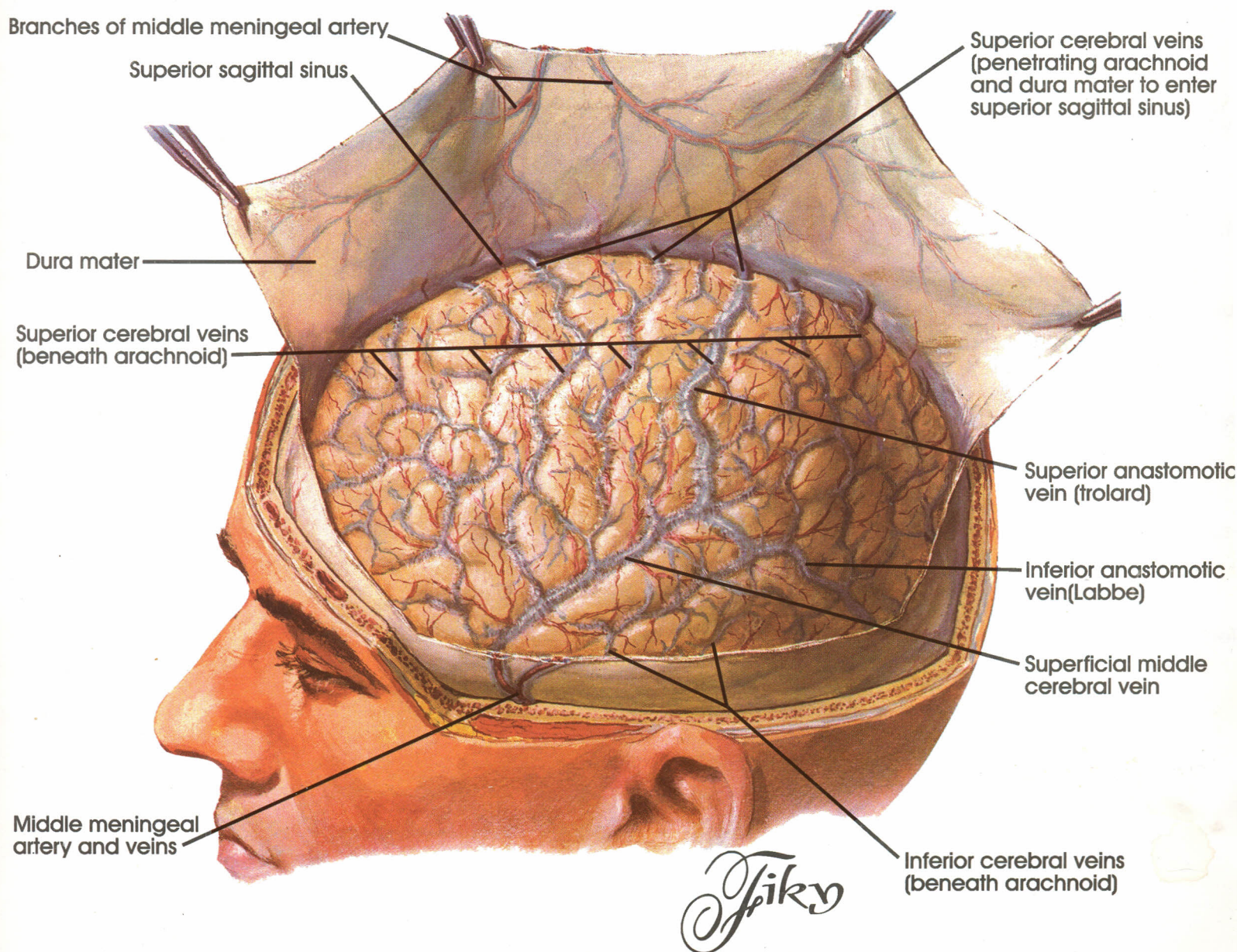
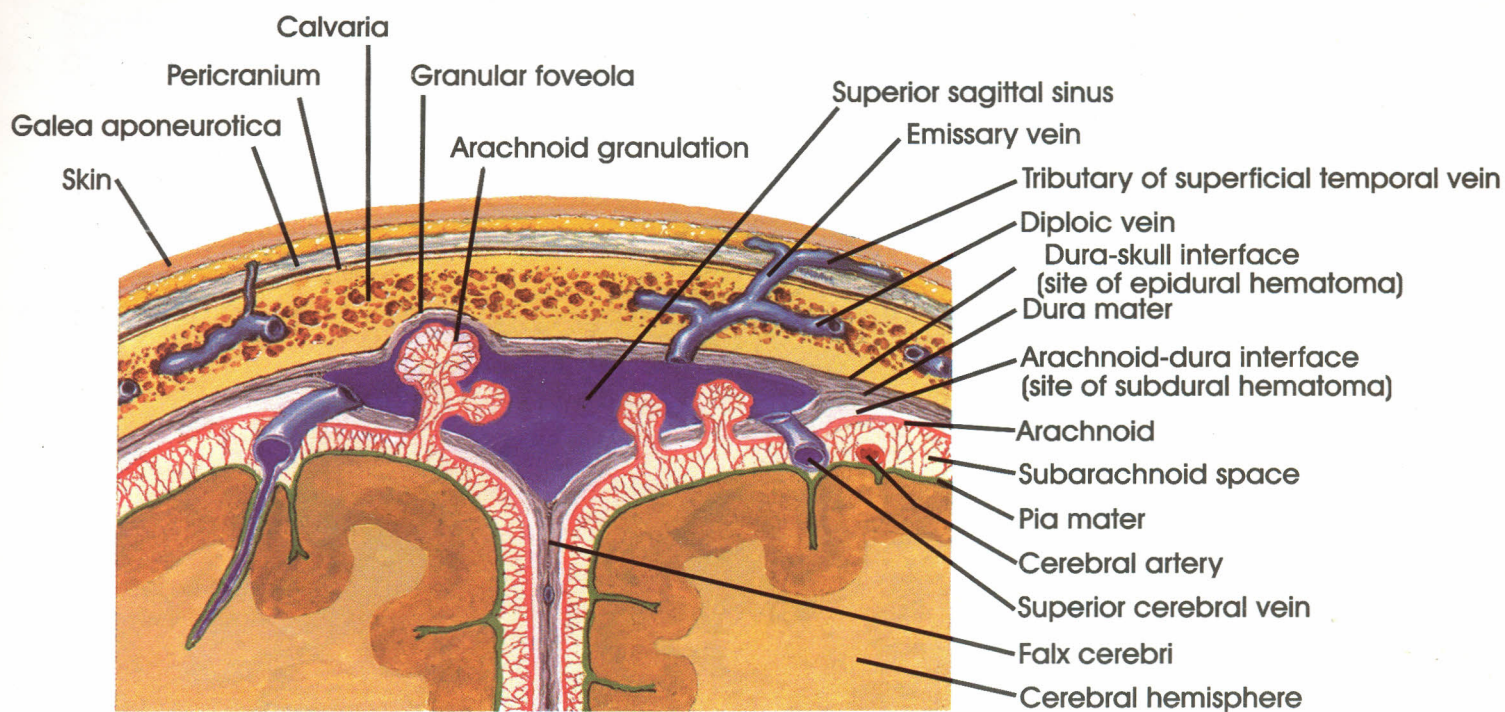


Meningeal Arteries

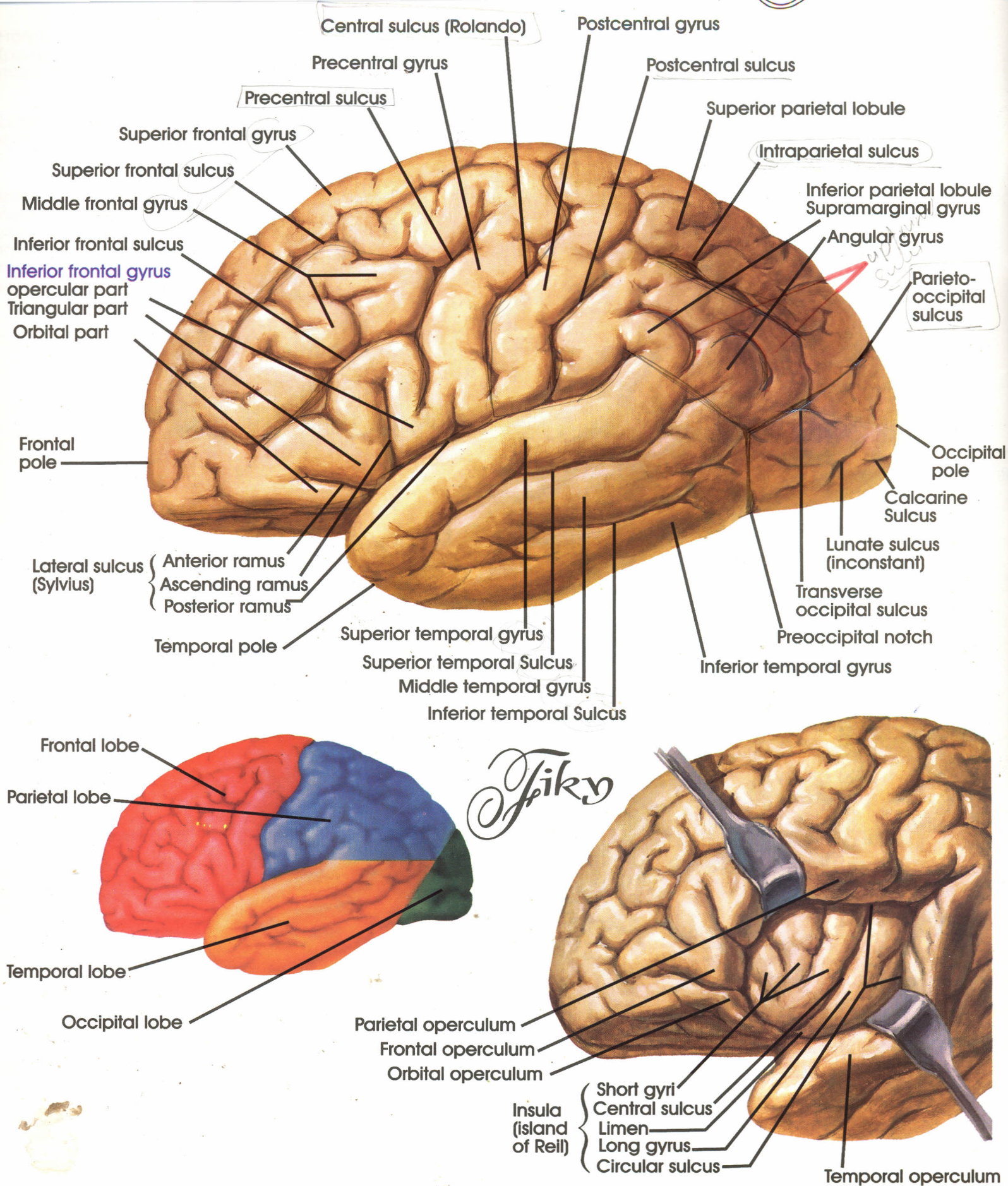


*Variant : most commonly, these branches are directly from internal carotid artery

Meninges And Brain

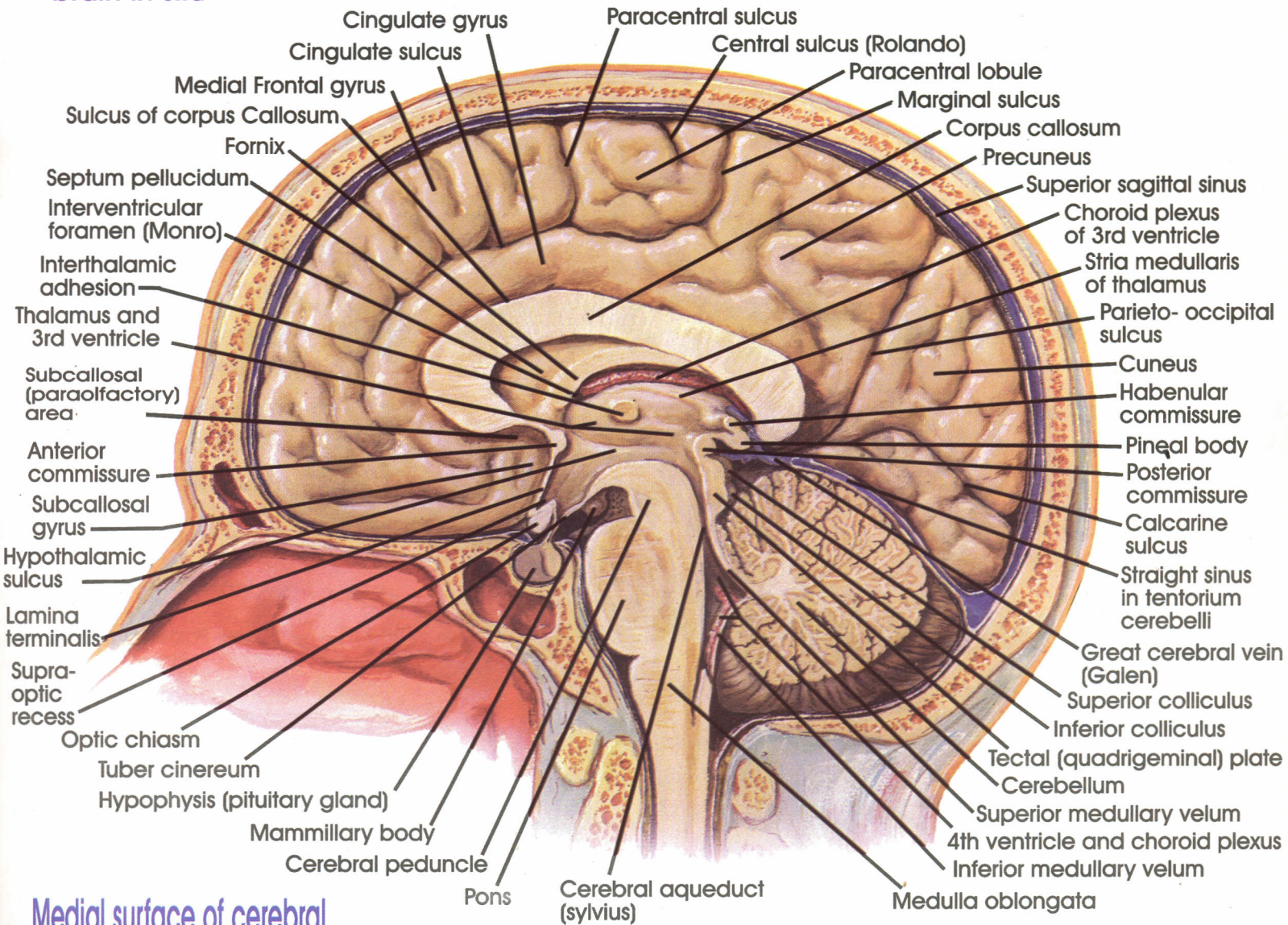


Meninges and Superficial Cerebral Veins

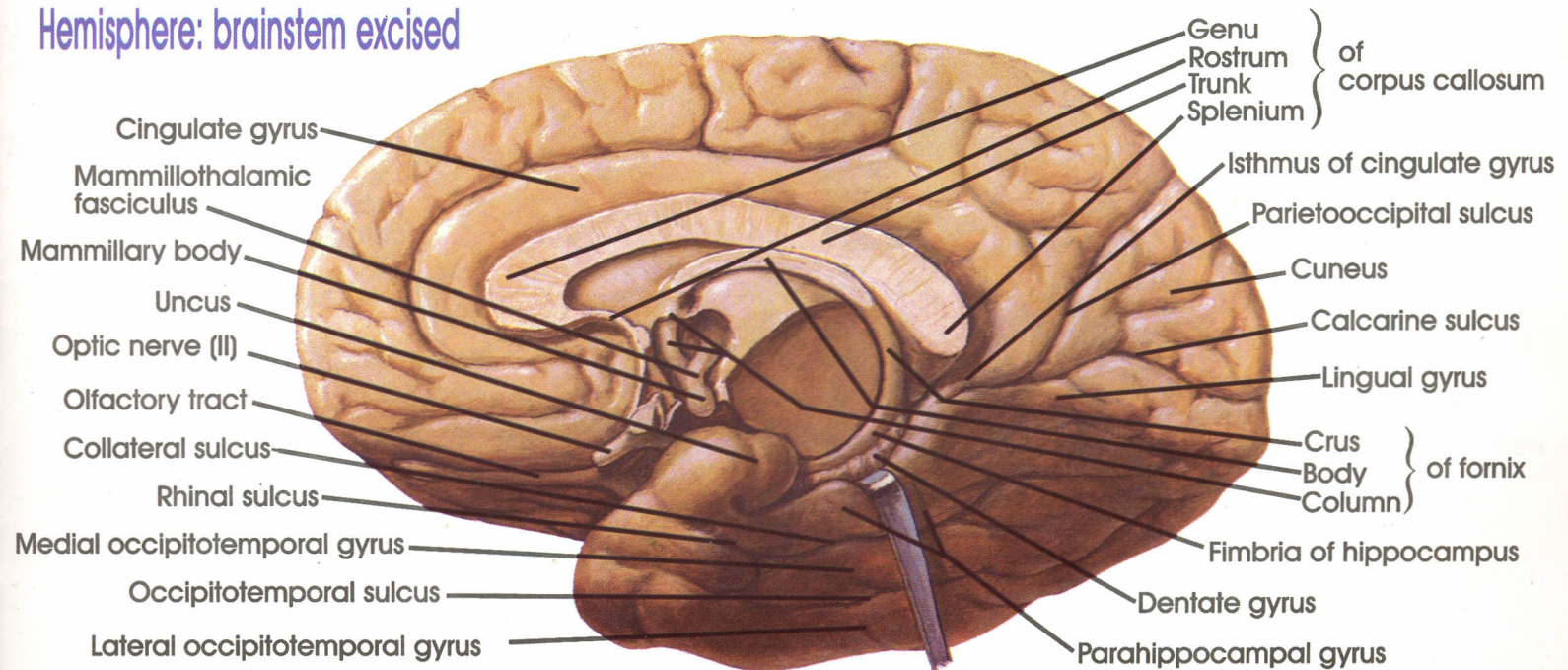


Cerebrum: Lateral Views

Sagittal section of brain in situ

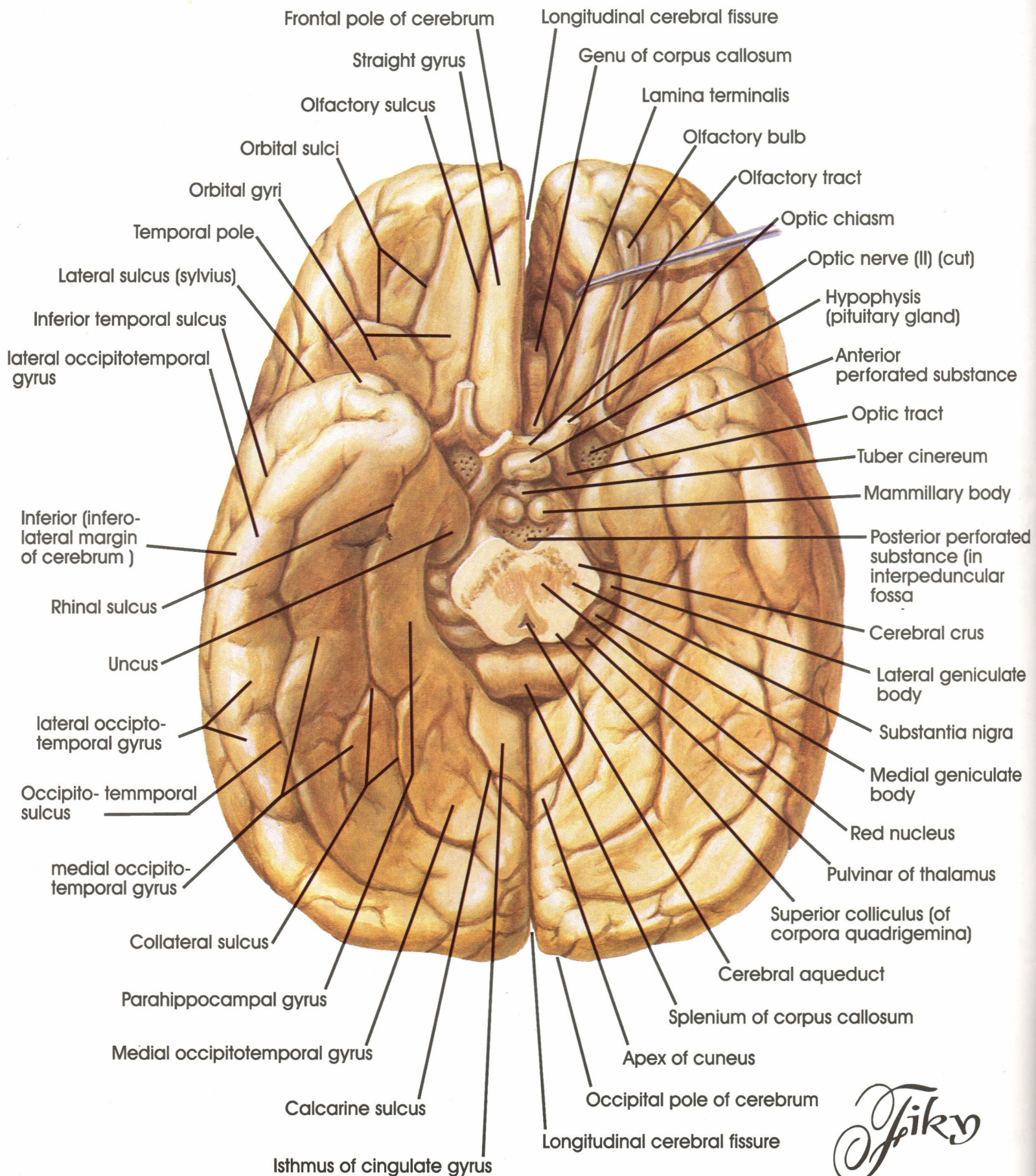


Medial surface of cerebral Hemisphere: brainstem excised



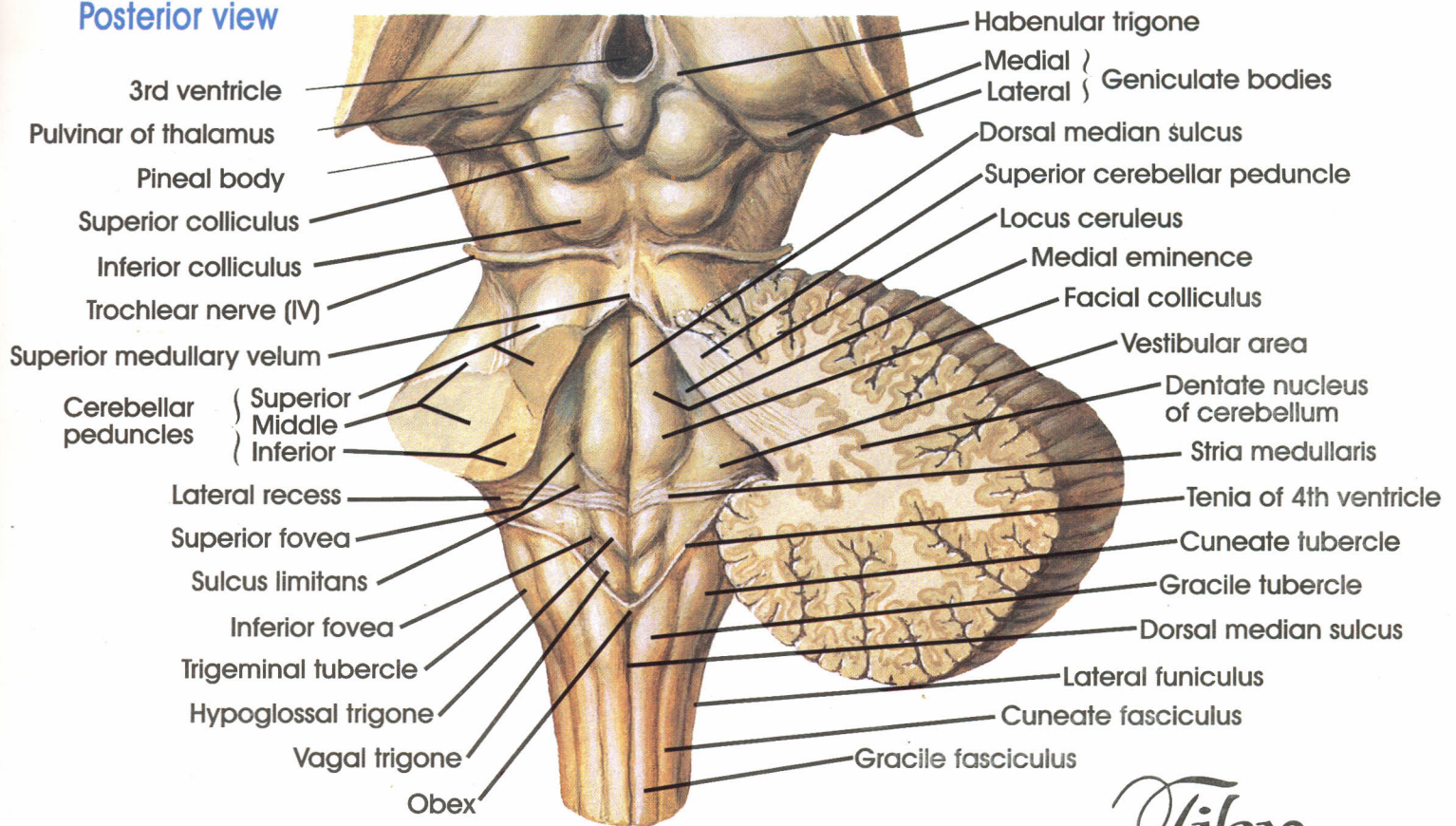
Cerebrum: Medial Views

El-Fiky

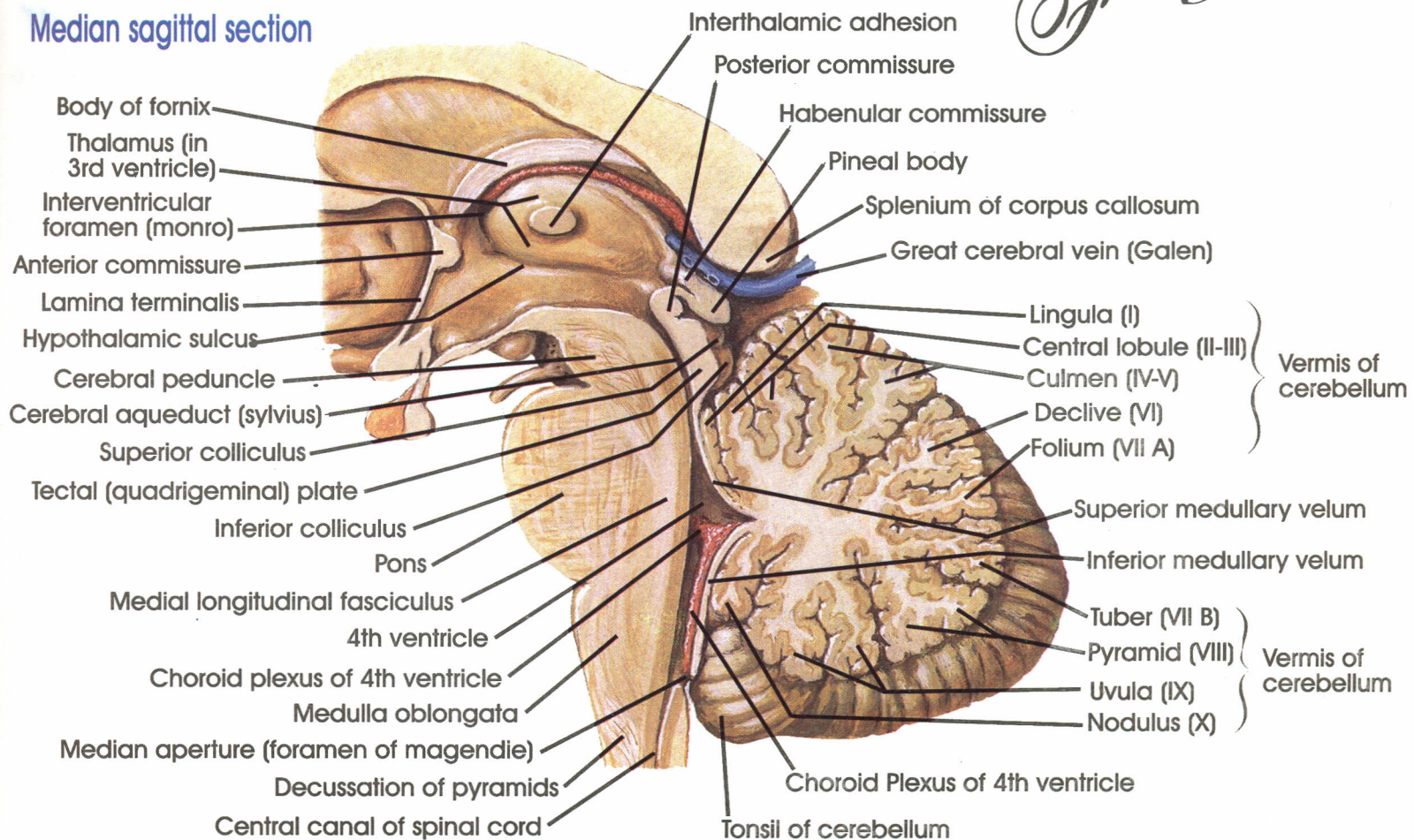


Cerebrum: Inferior View

Posterior view

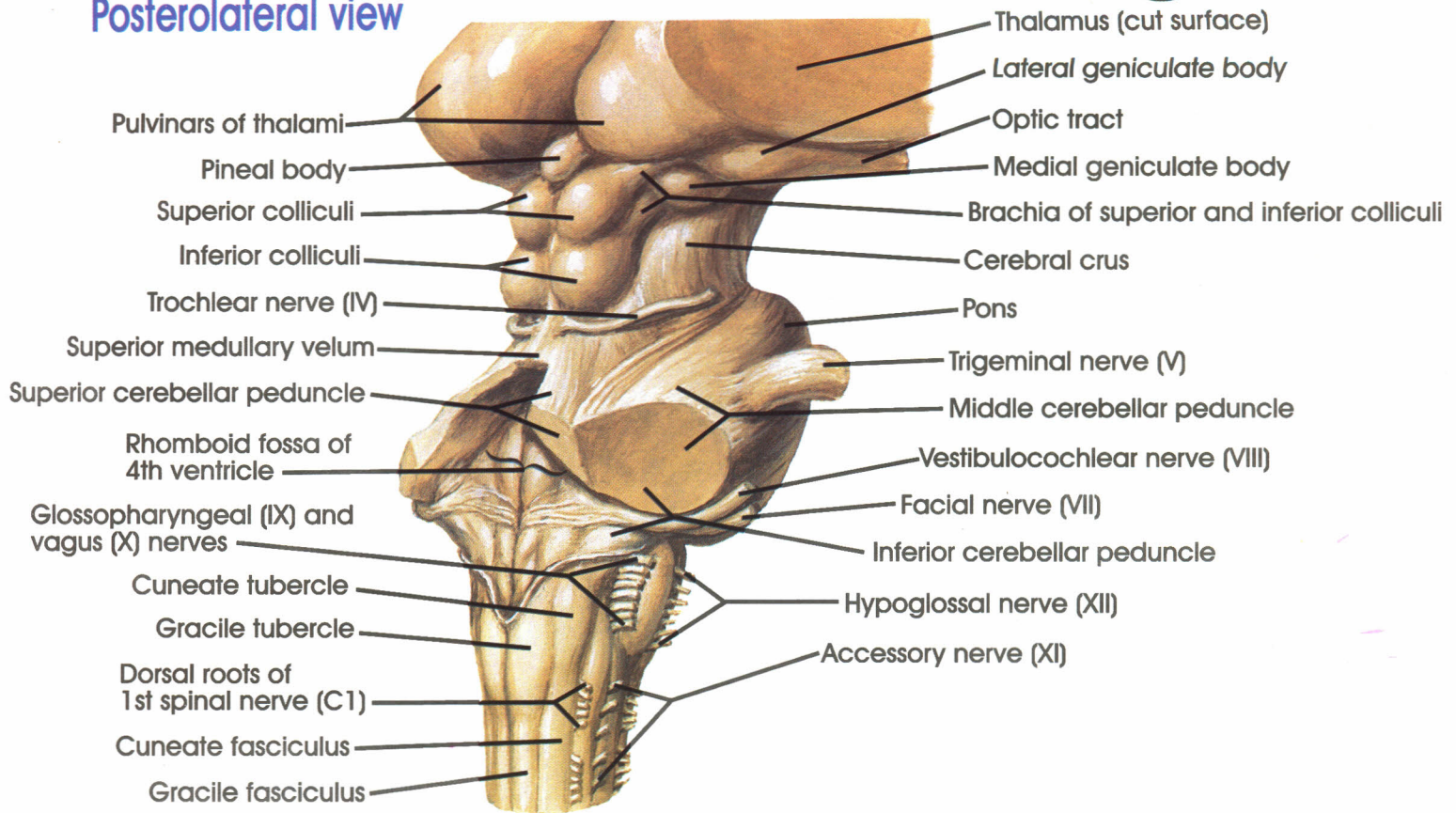


Median sagittal section

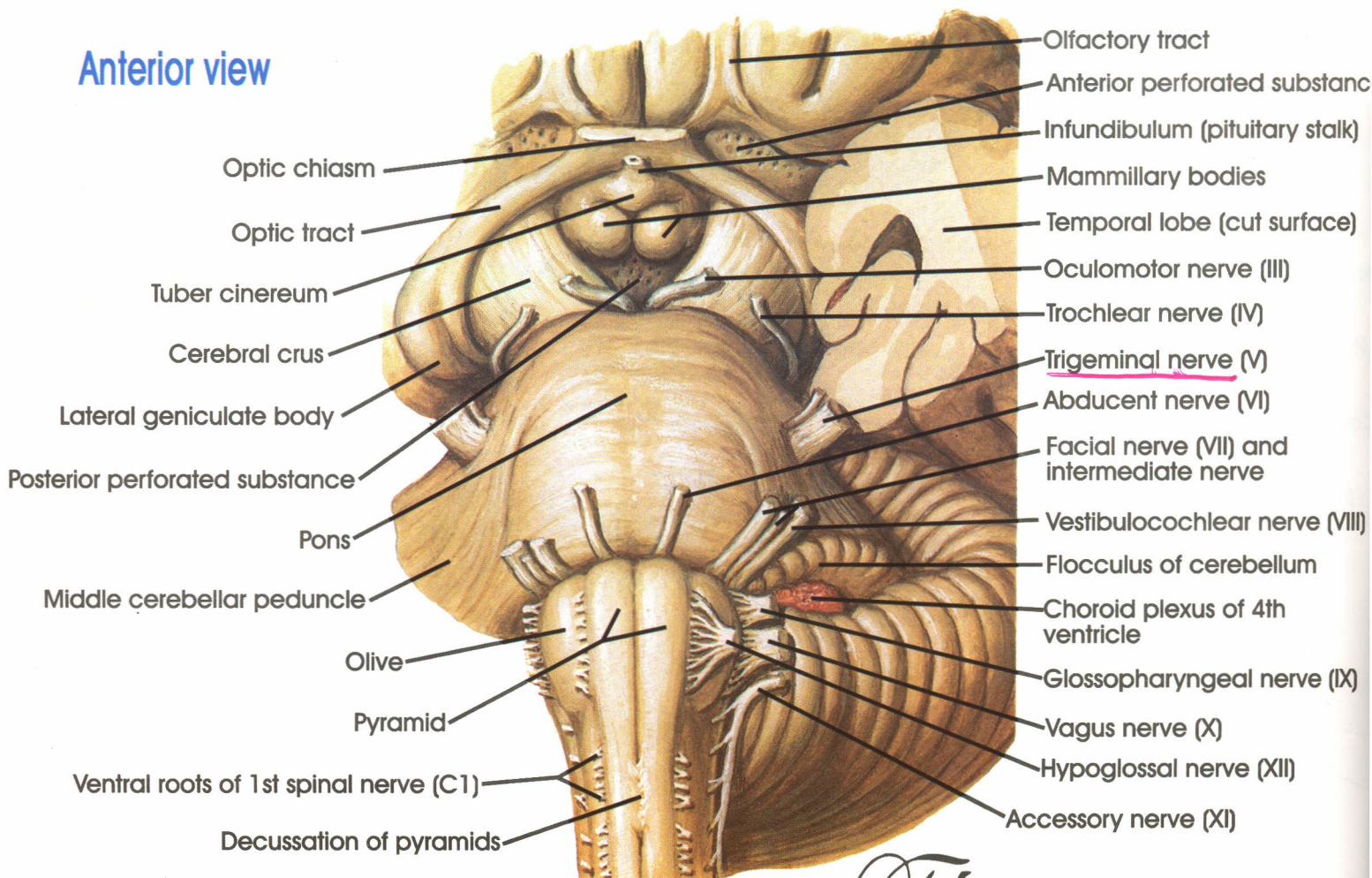


Fourth Ventricle and Cerebellum

Posterolateral view



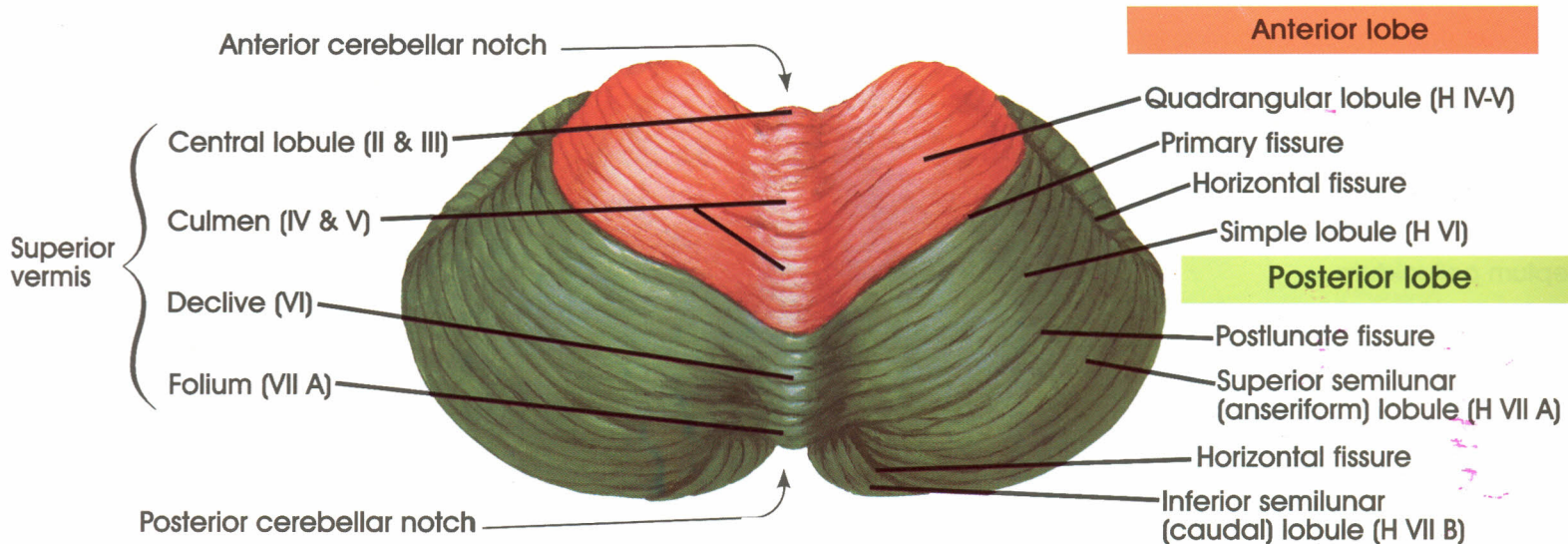
Anterior view



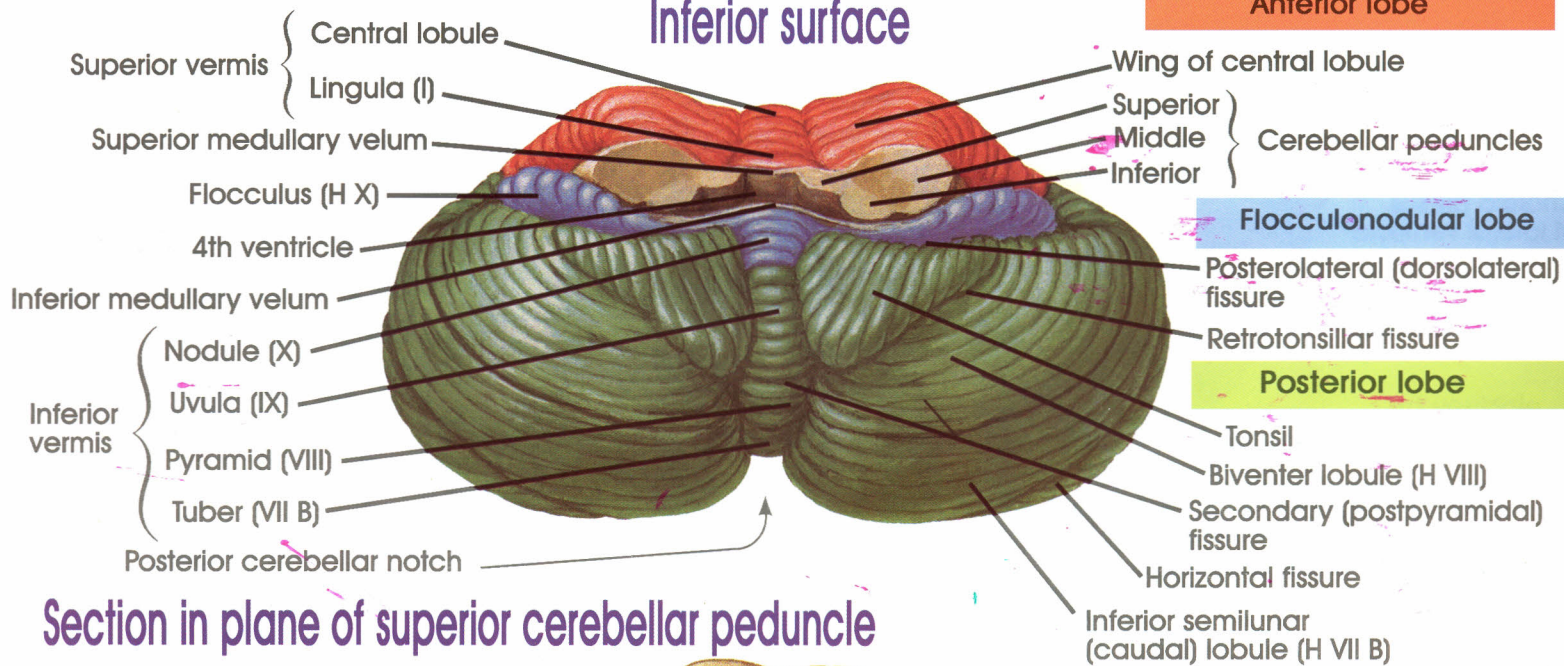
Brainstem

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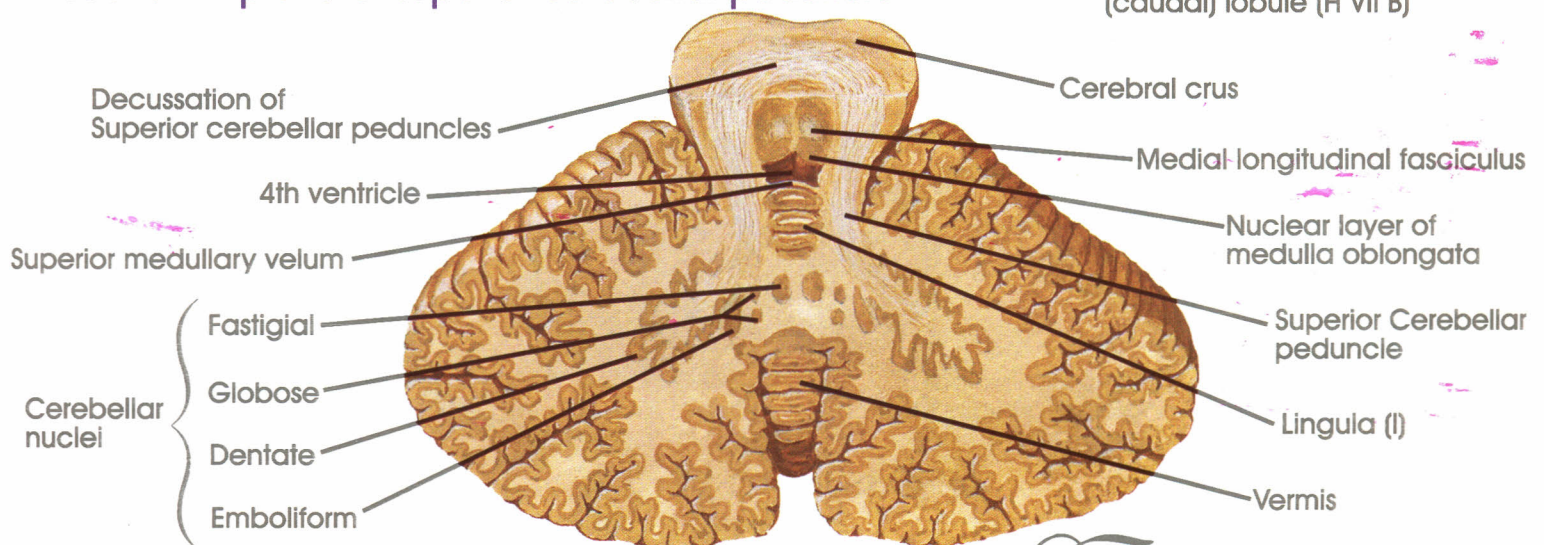
Superior surface



Inferior surface

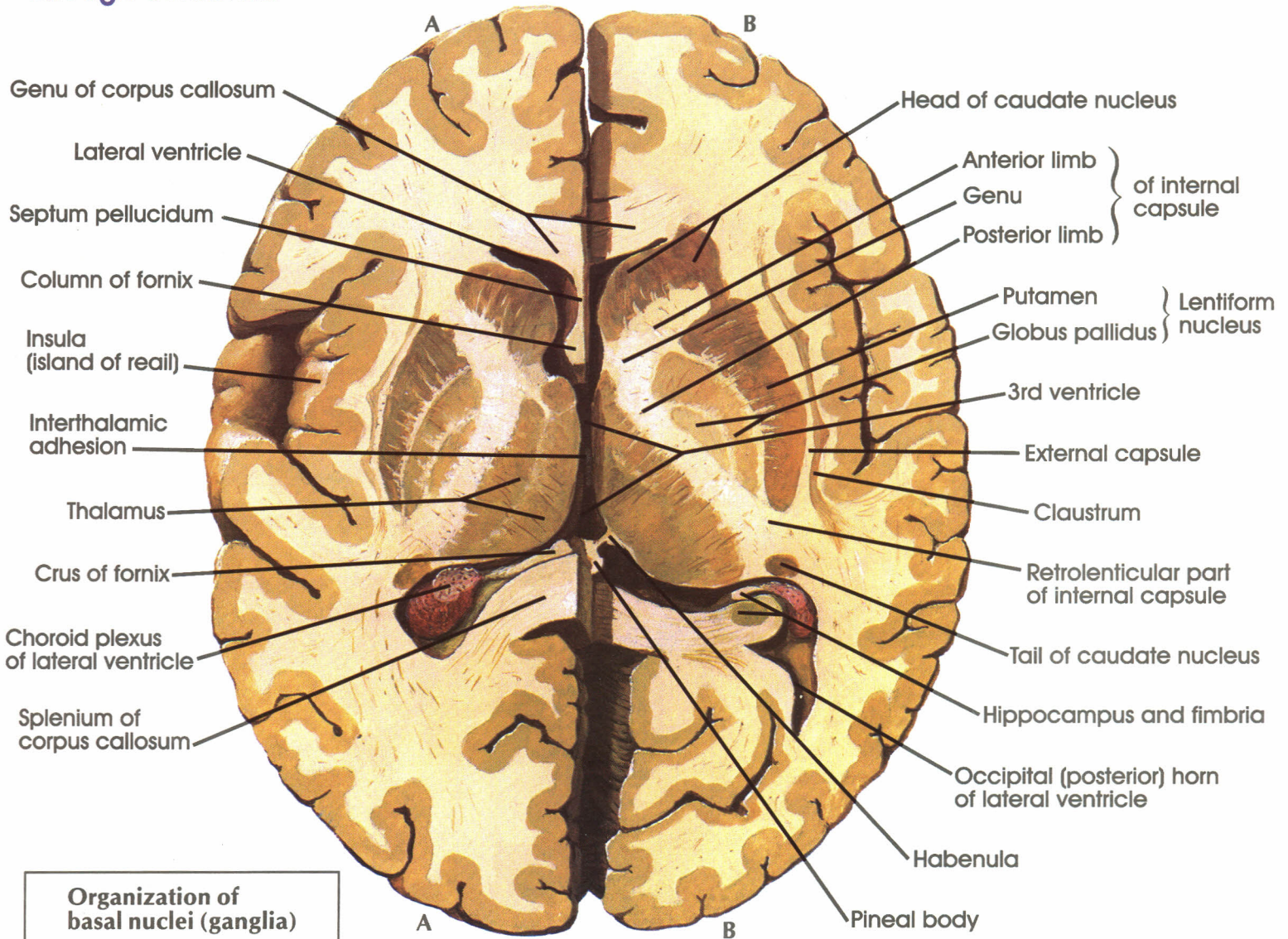


Section in plane of superior cerebellar peduncle

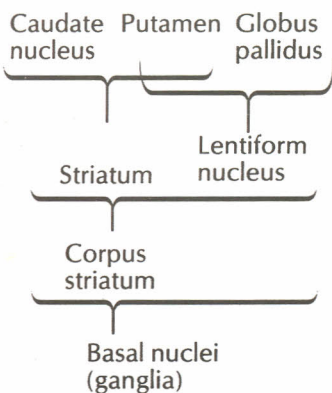


Cerebellum

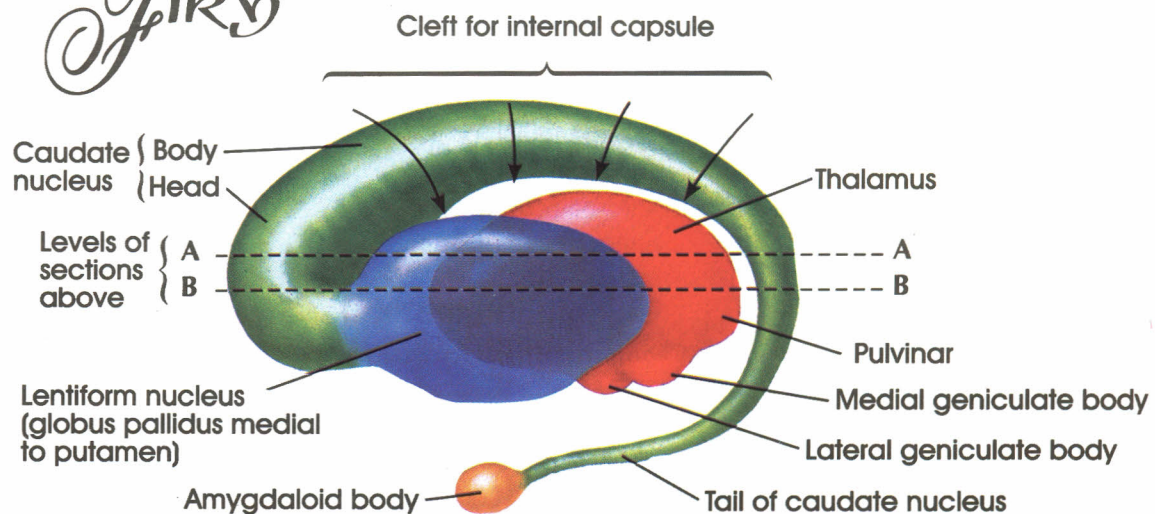
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Organization of basal nuclei (ganglia)

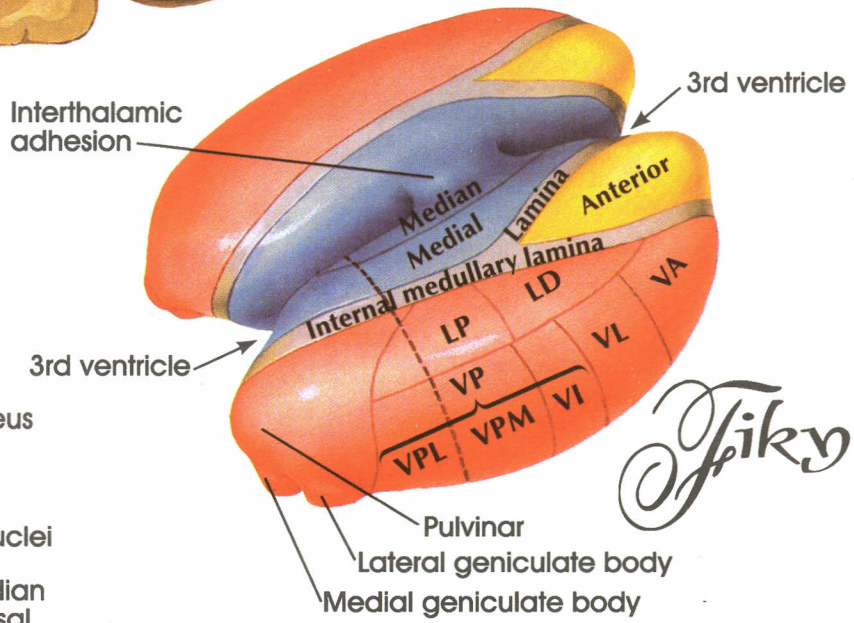
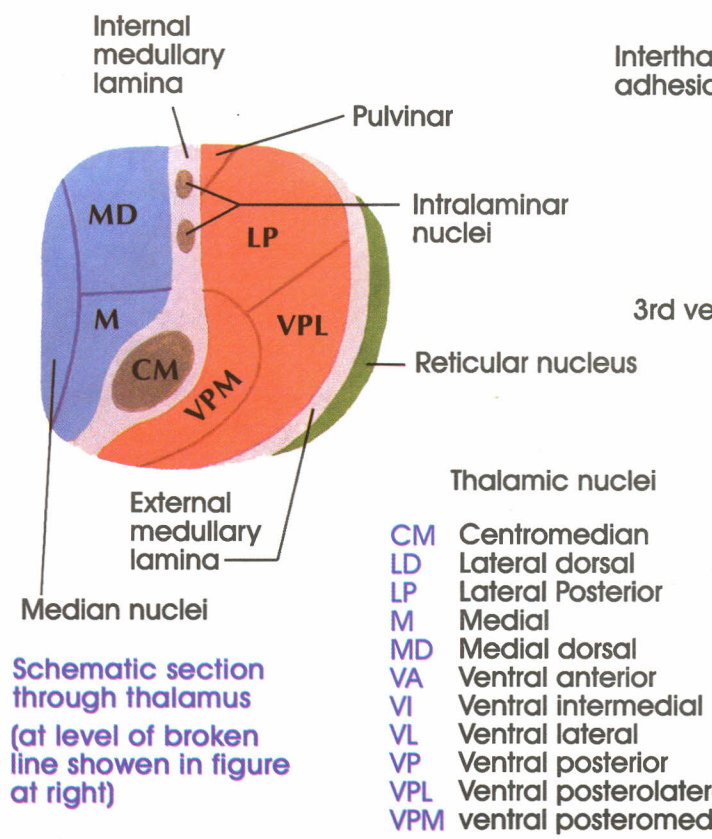
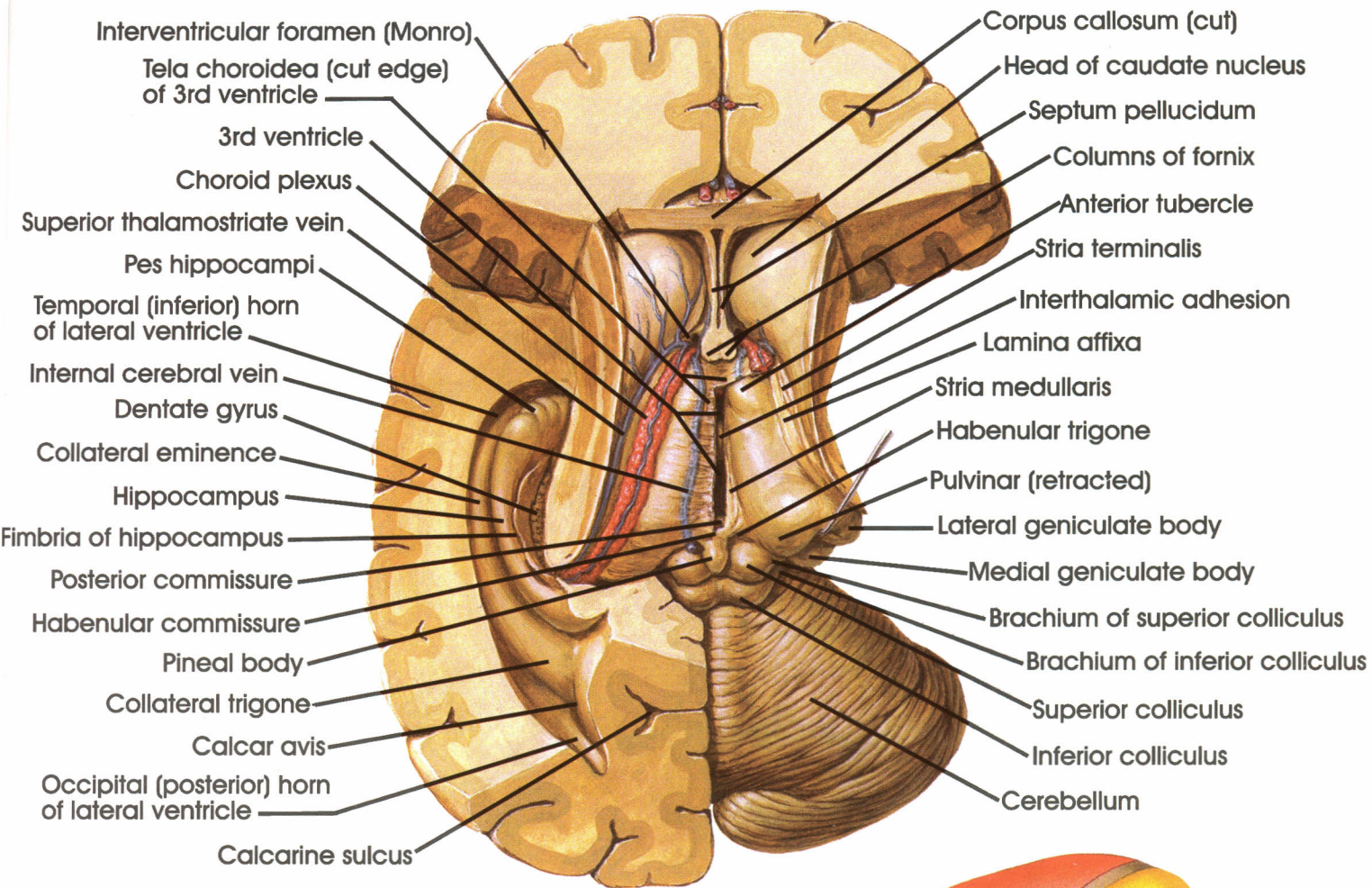


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Interrelationship of thalamus, lentiform nucleus, caudate nucleus and amygdaloid body (schema): left lateral view

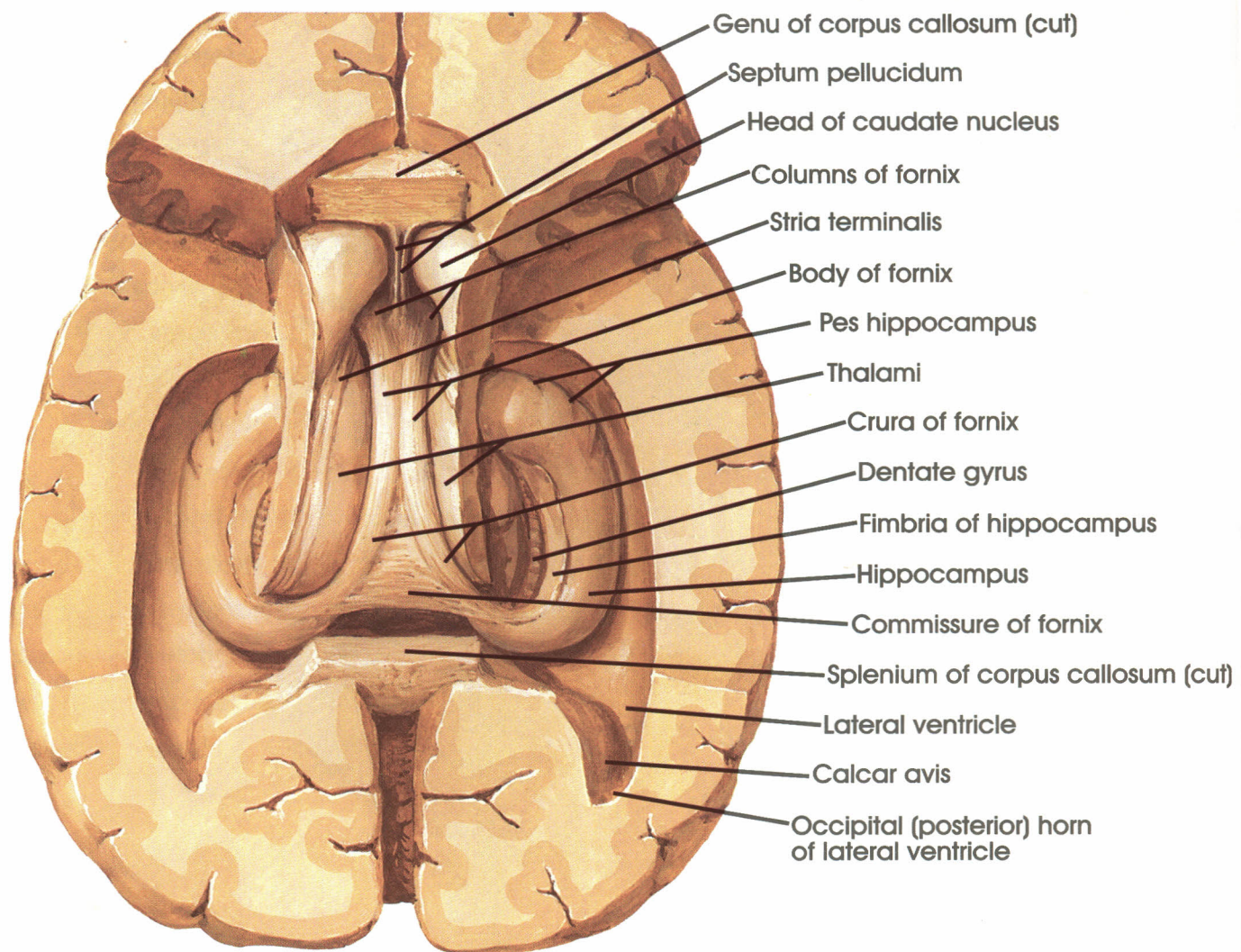
Basal Nuclei (Ganglia)



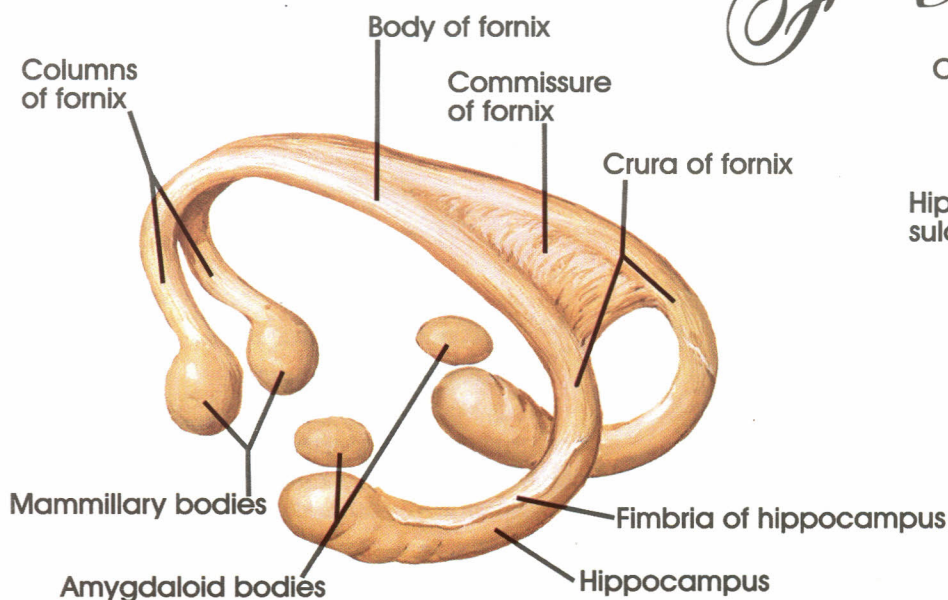
Schematic representation of thalamus (external medullary lamina and reticular nuclei removed)

Orange	Lateral nuclei
Blue	Medial nuclei
Yellow	Anterior nuclei

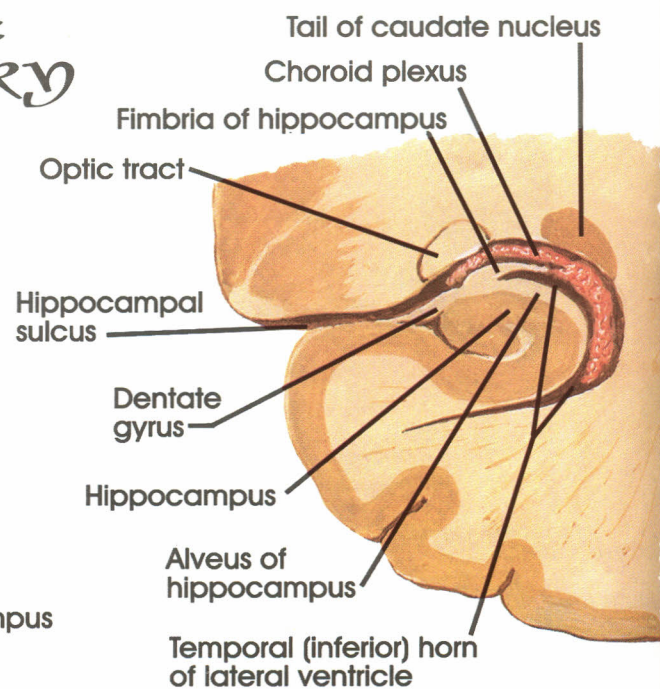
Thalamus



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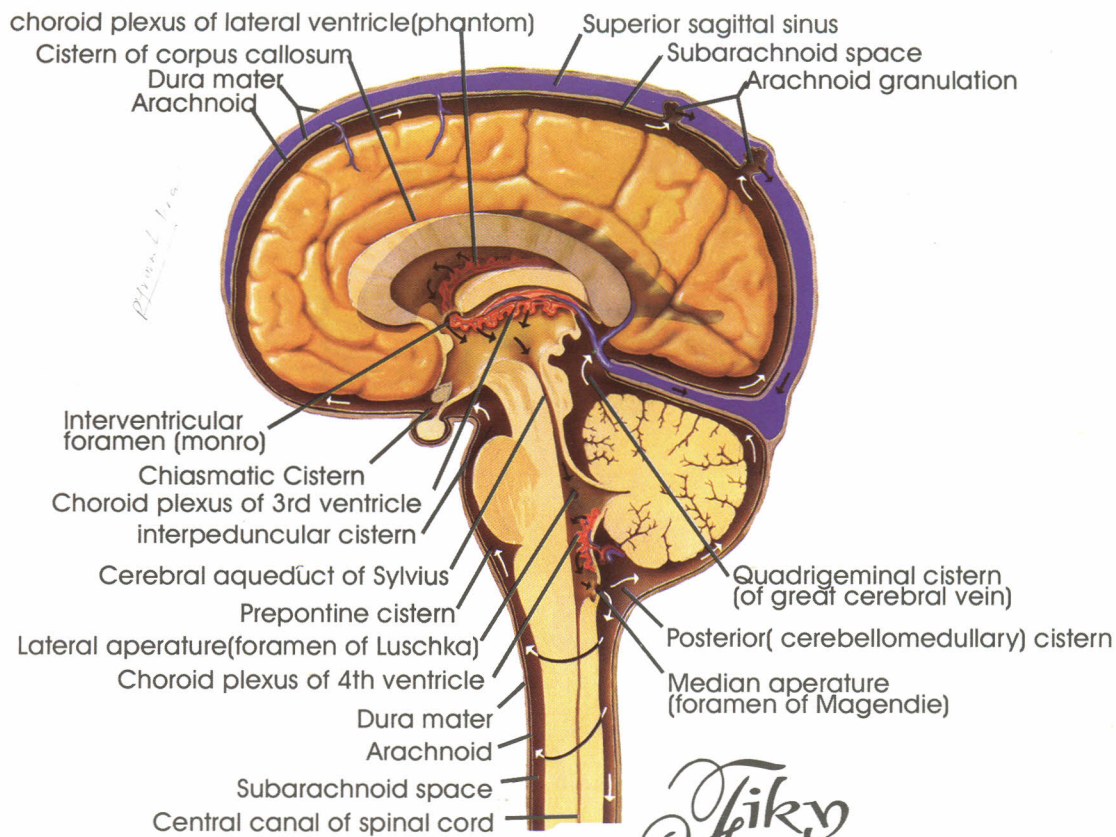


Fornix: schema



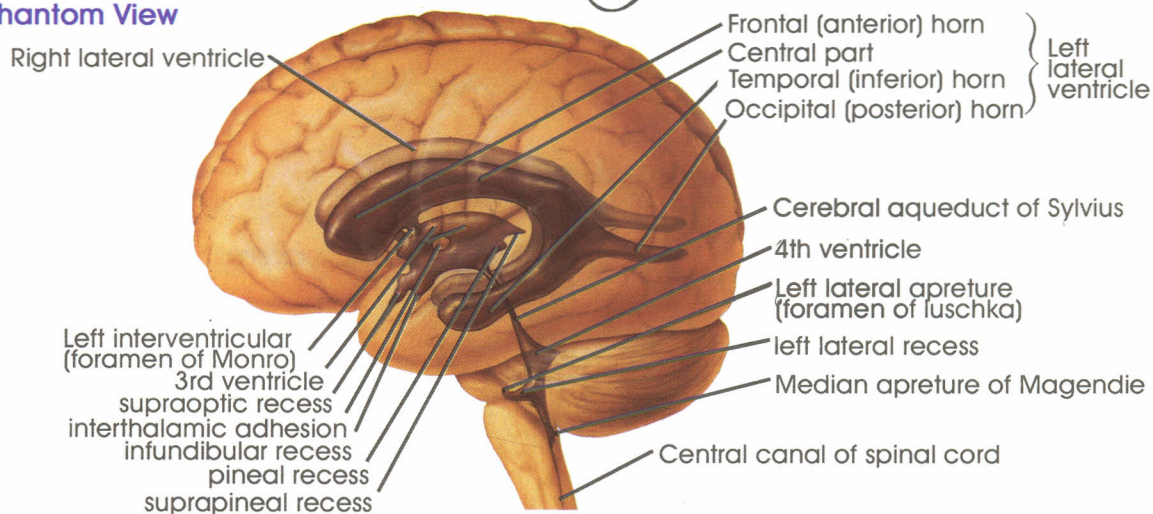
Coronal section: Posterior View

Hippocampus and Fornix

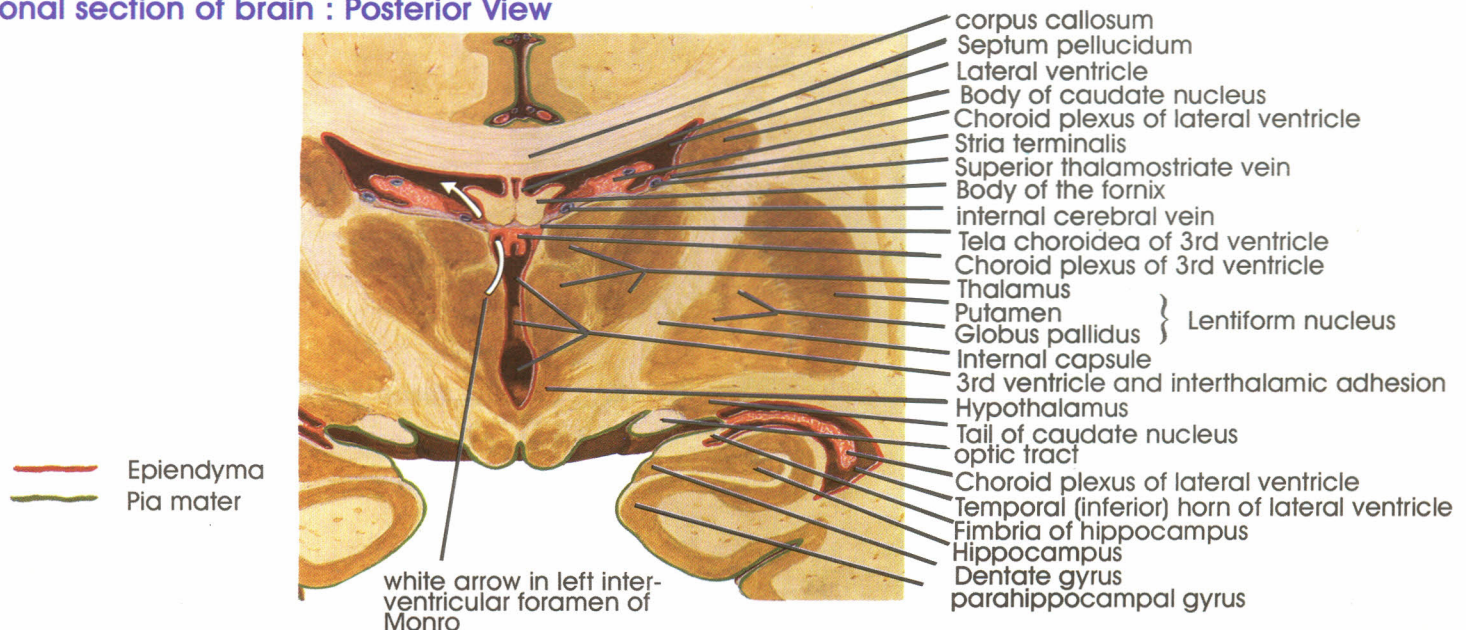


Fiky

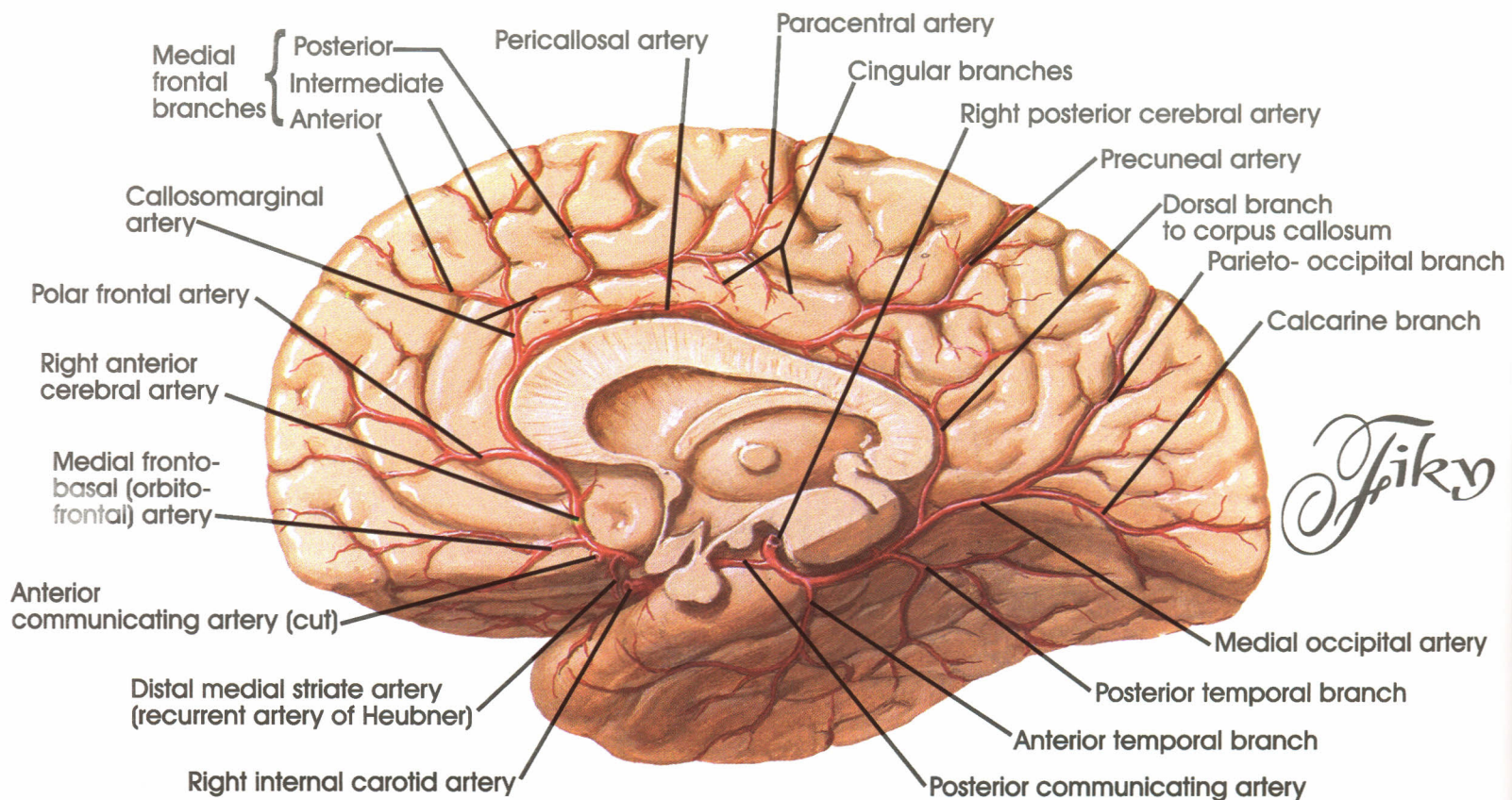
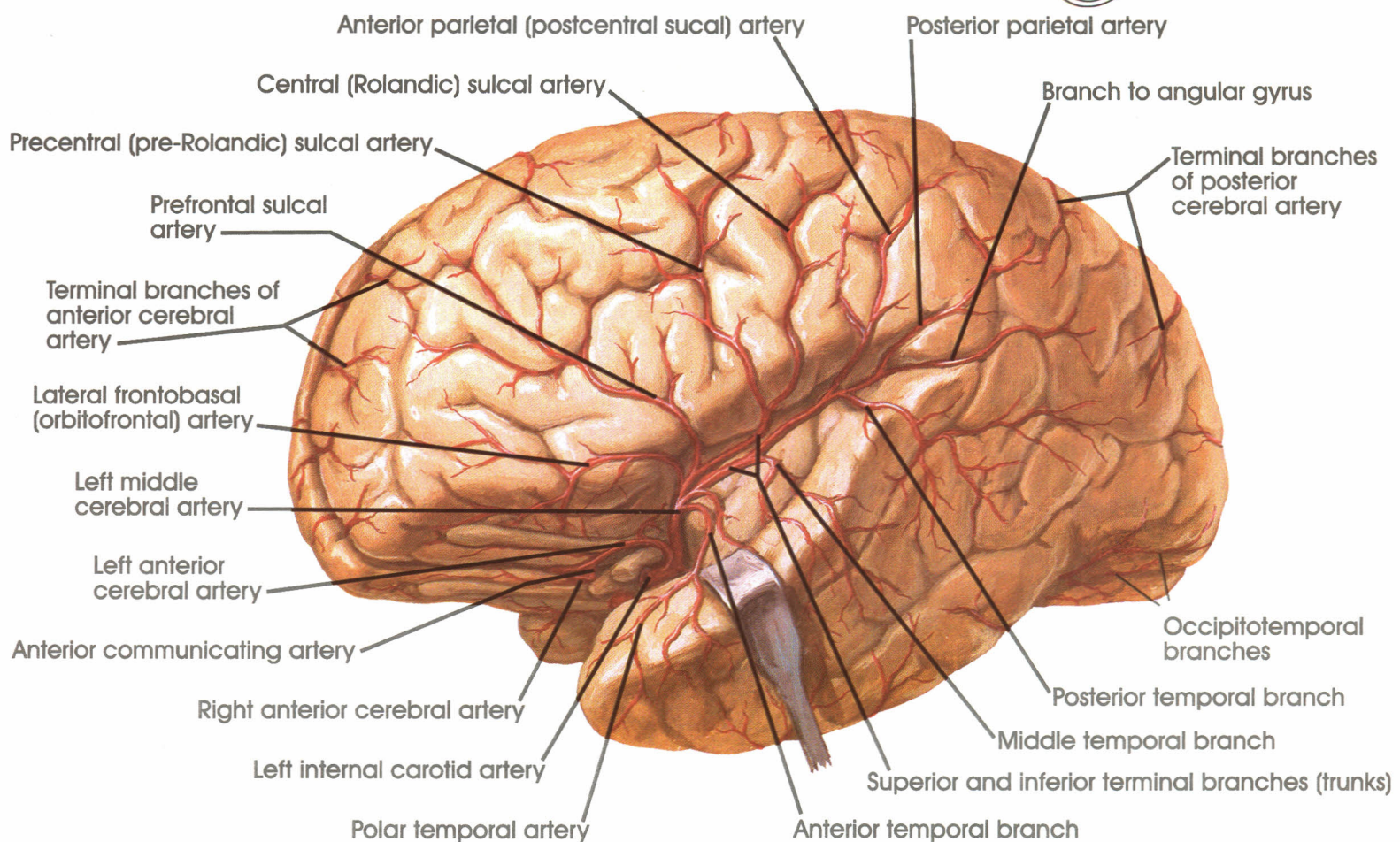
Left Lateral Phantom View



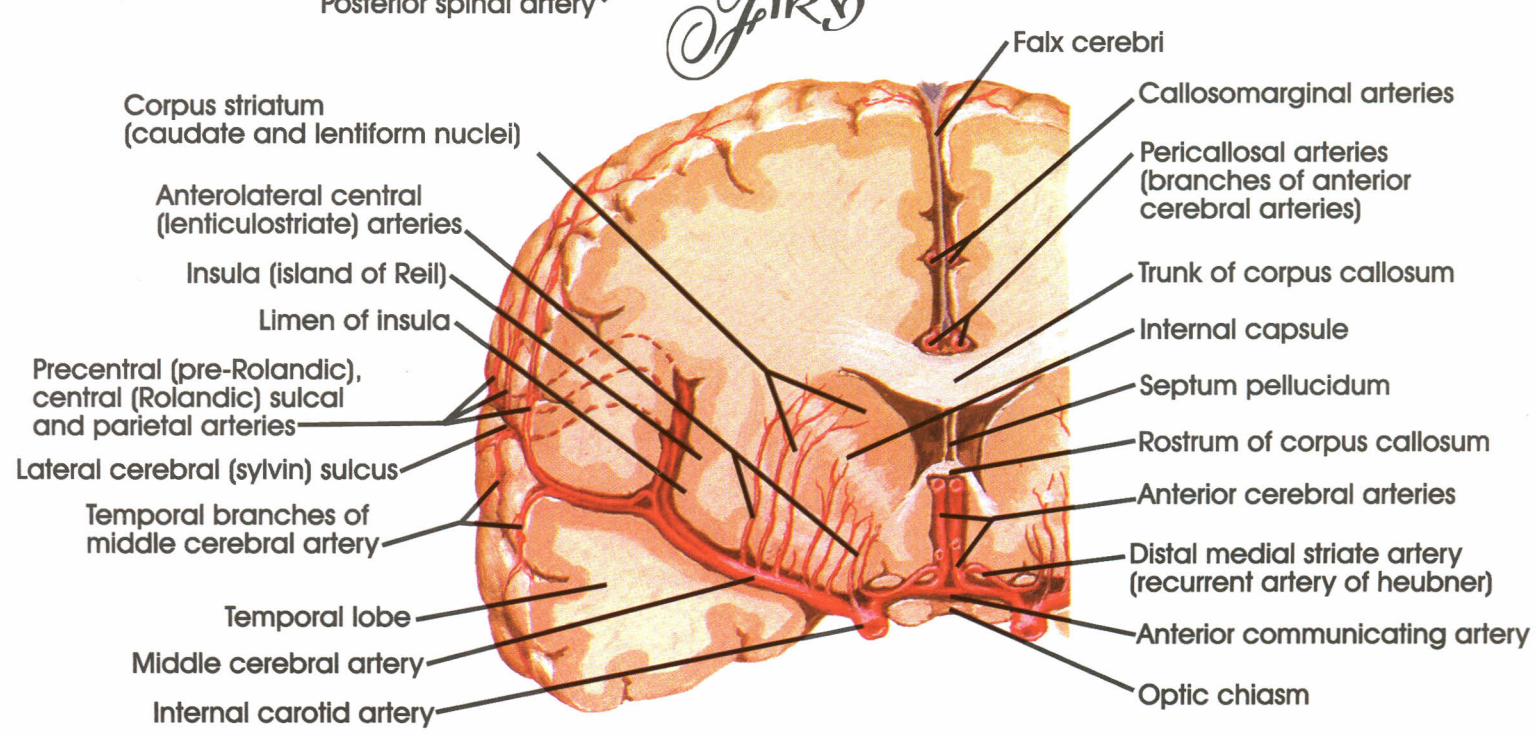
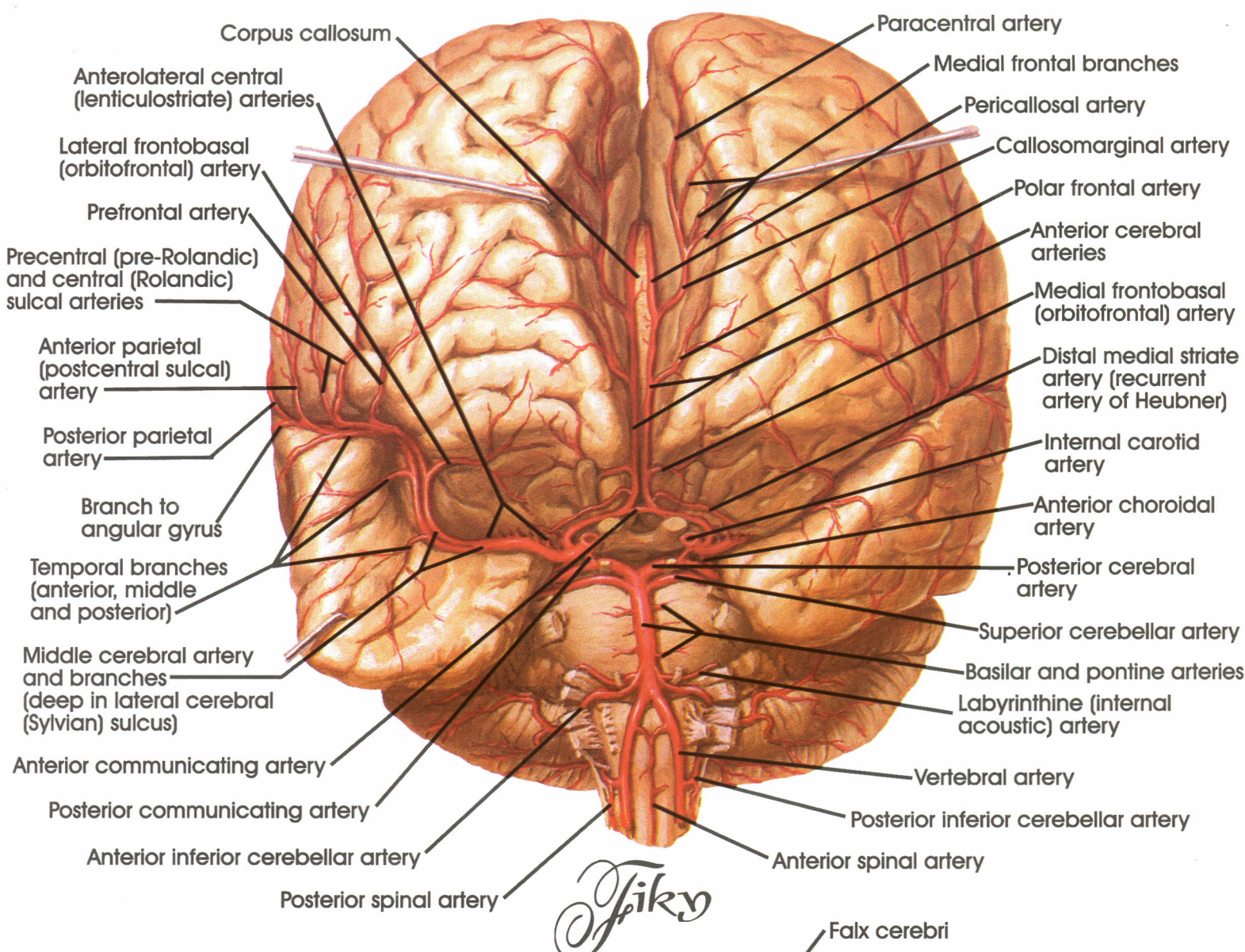
Coronal section of brain : Posterior View



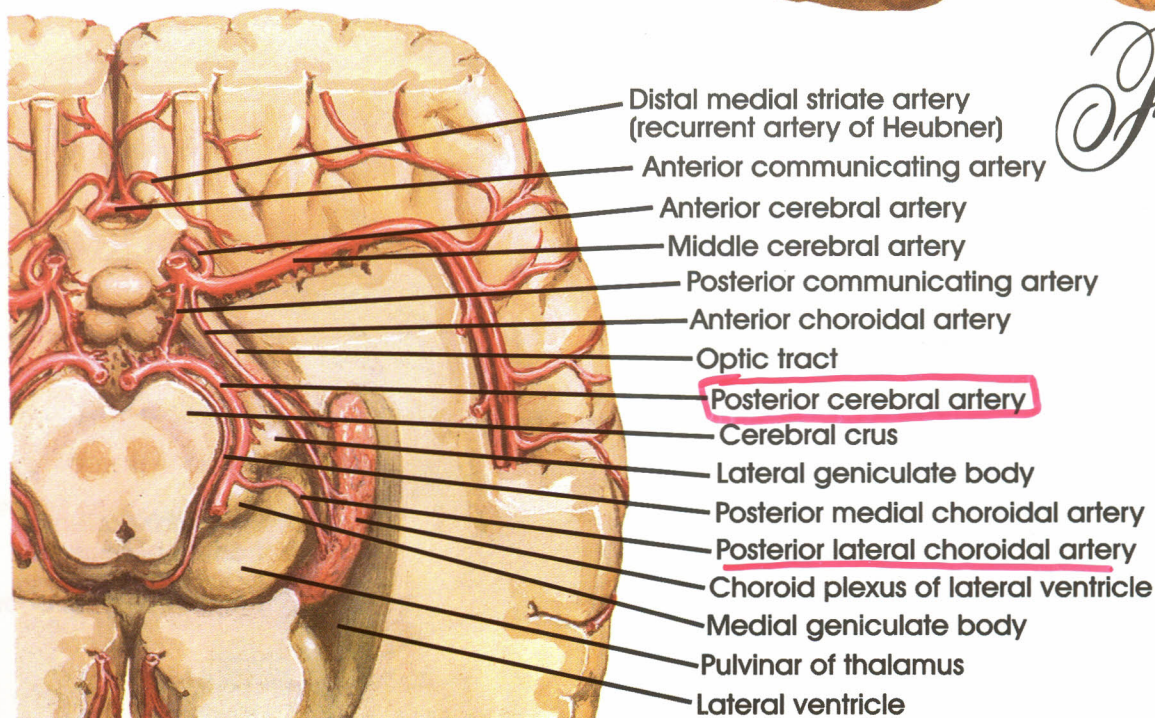
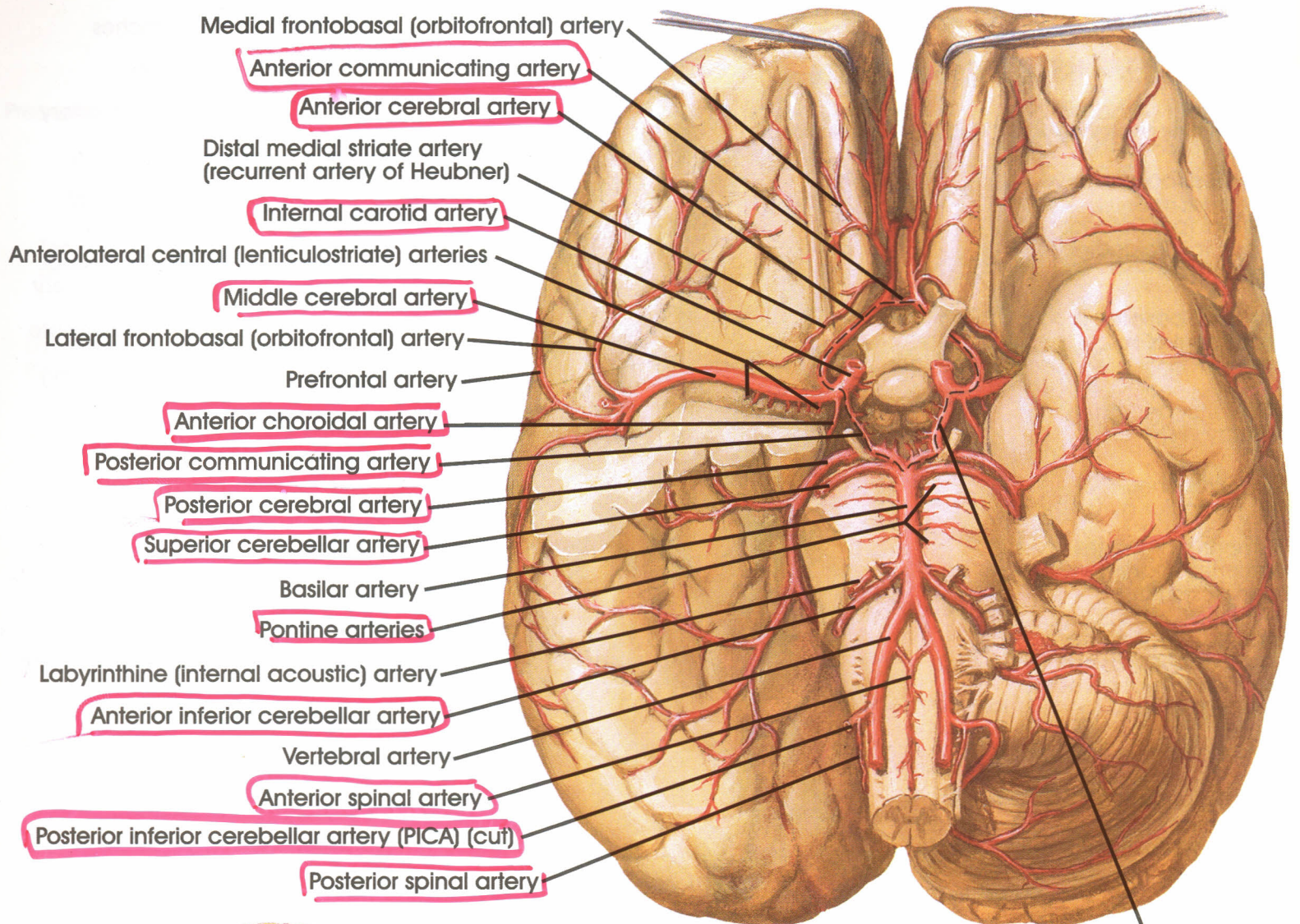
Ventricles of the brain and cerebrospinal fluid circulation



Arteries of Brain: Lateral and Medial views

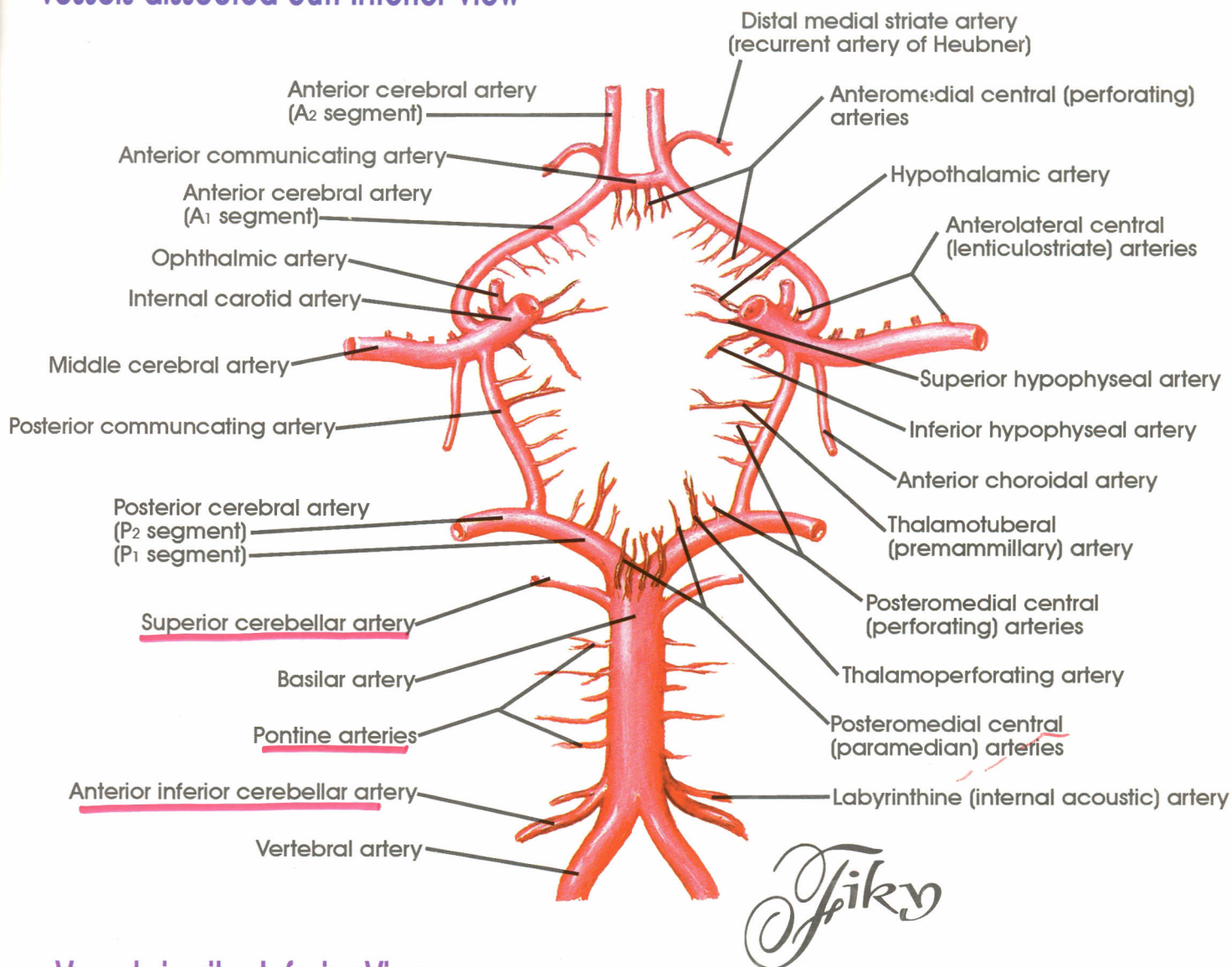


Arteries of Brain: Frontal View and Section

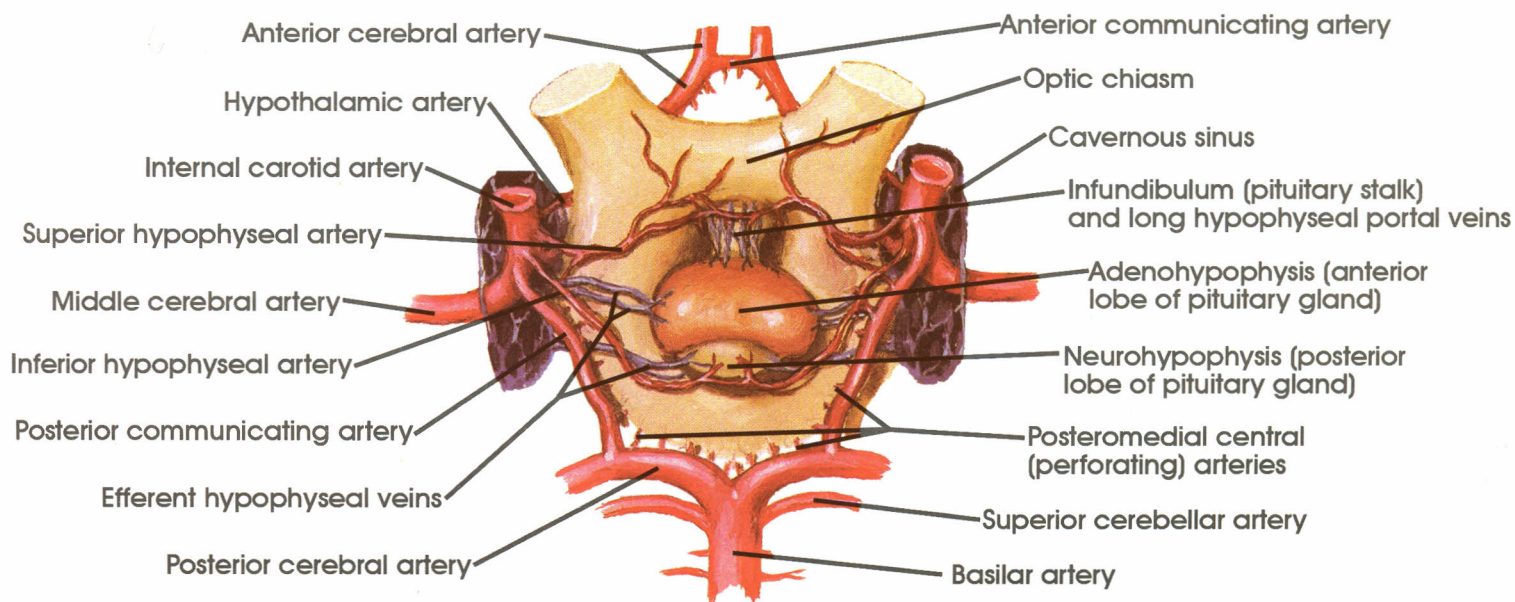


Arteries of Brain: Inferior View

Vessels dissected out: Inferior View

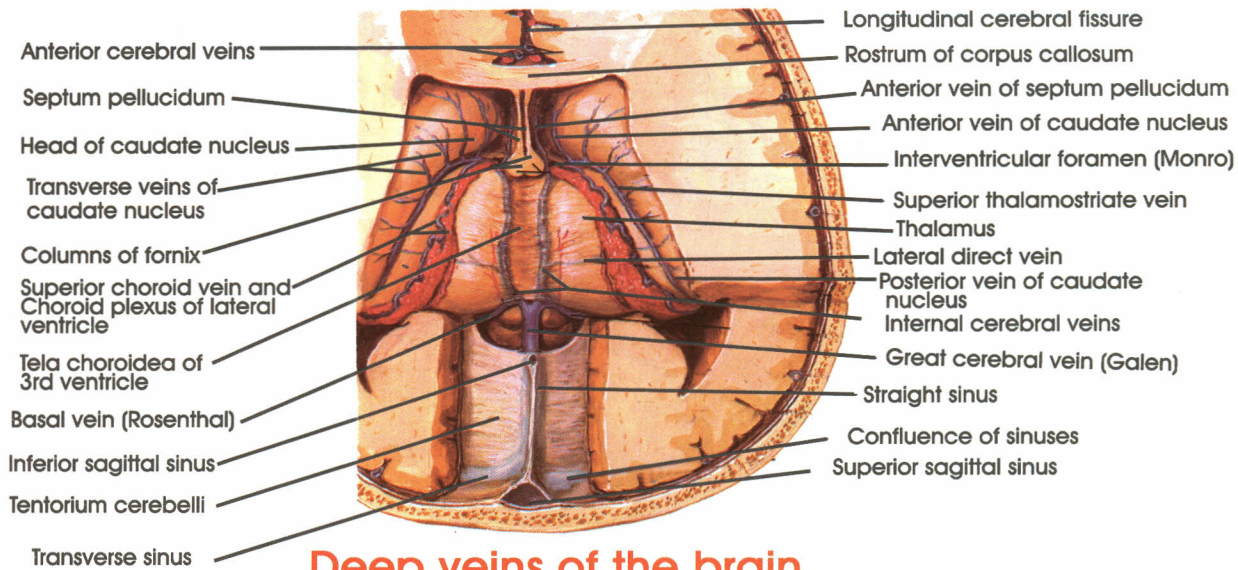


Vessels in situ: Inferior View



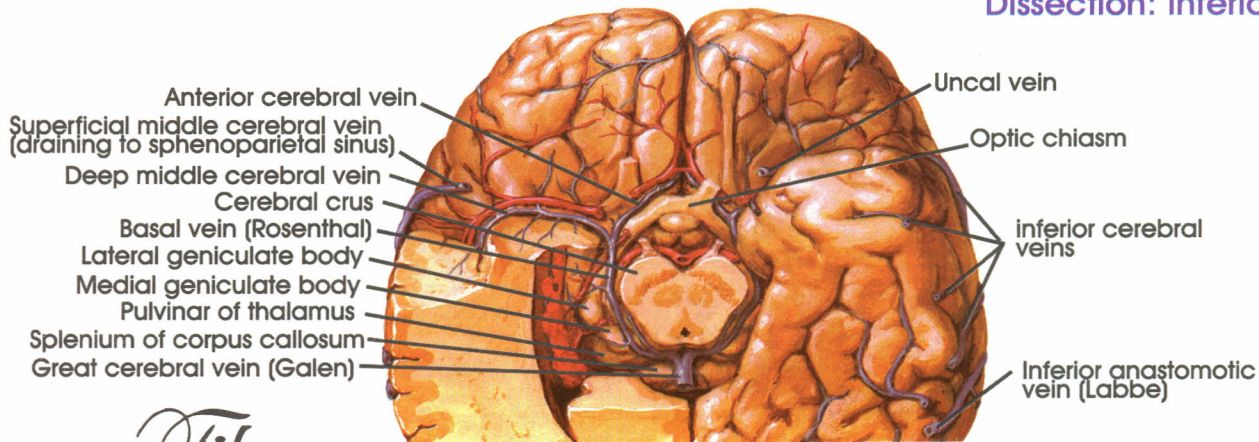
Cerebral Arterial Circle (Willis)

Dissection : superior view



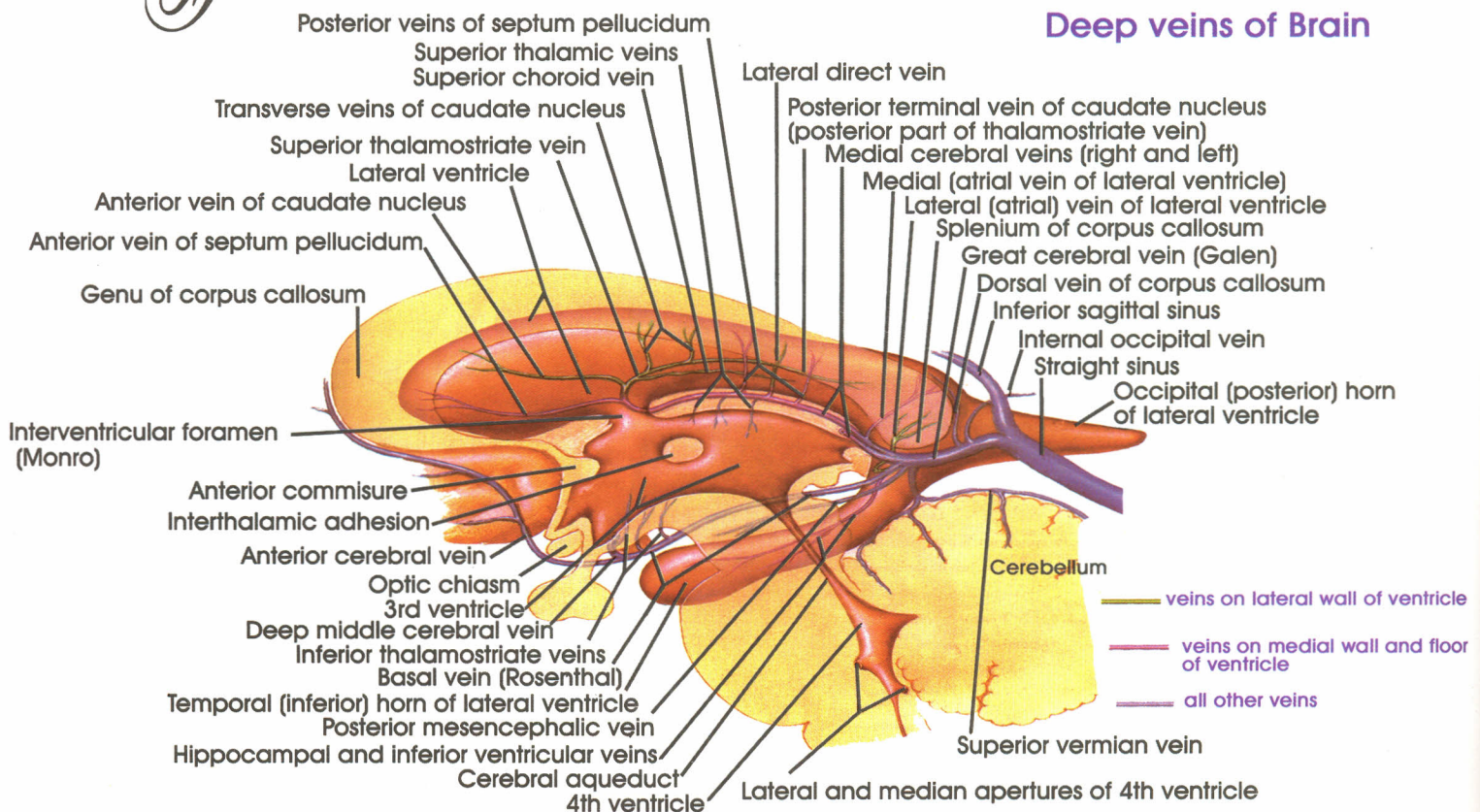
Deep veins of the brain

Dissection: inferior view

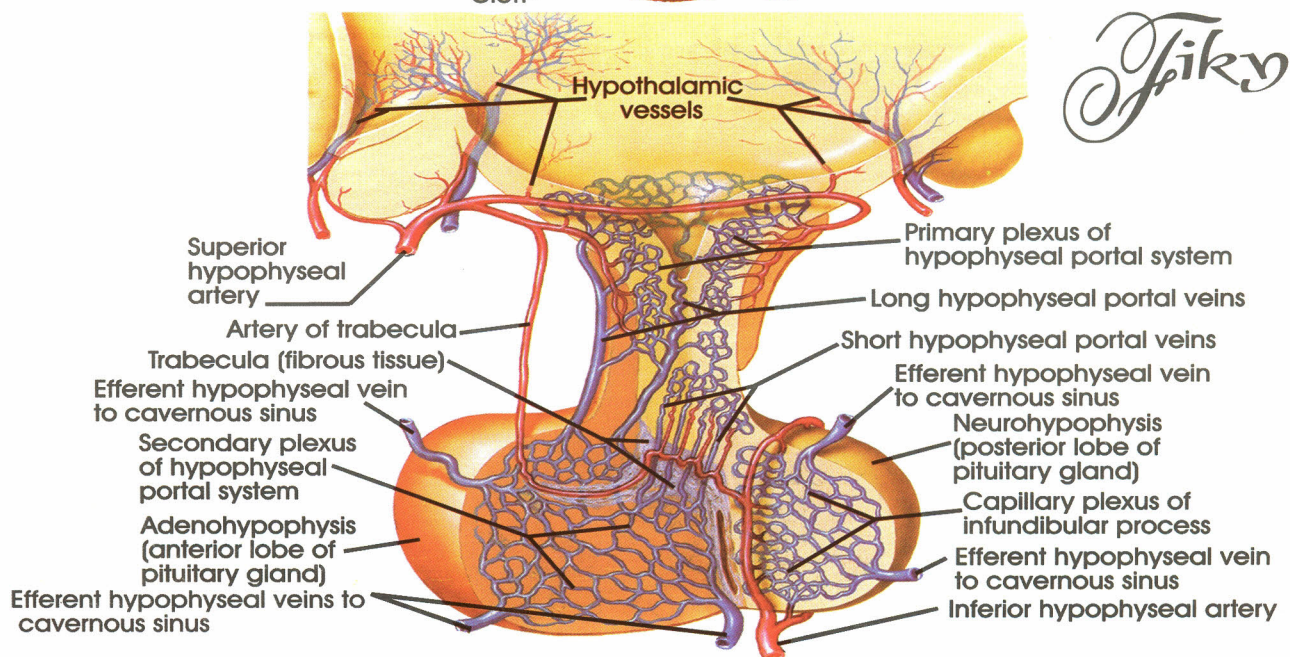
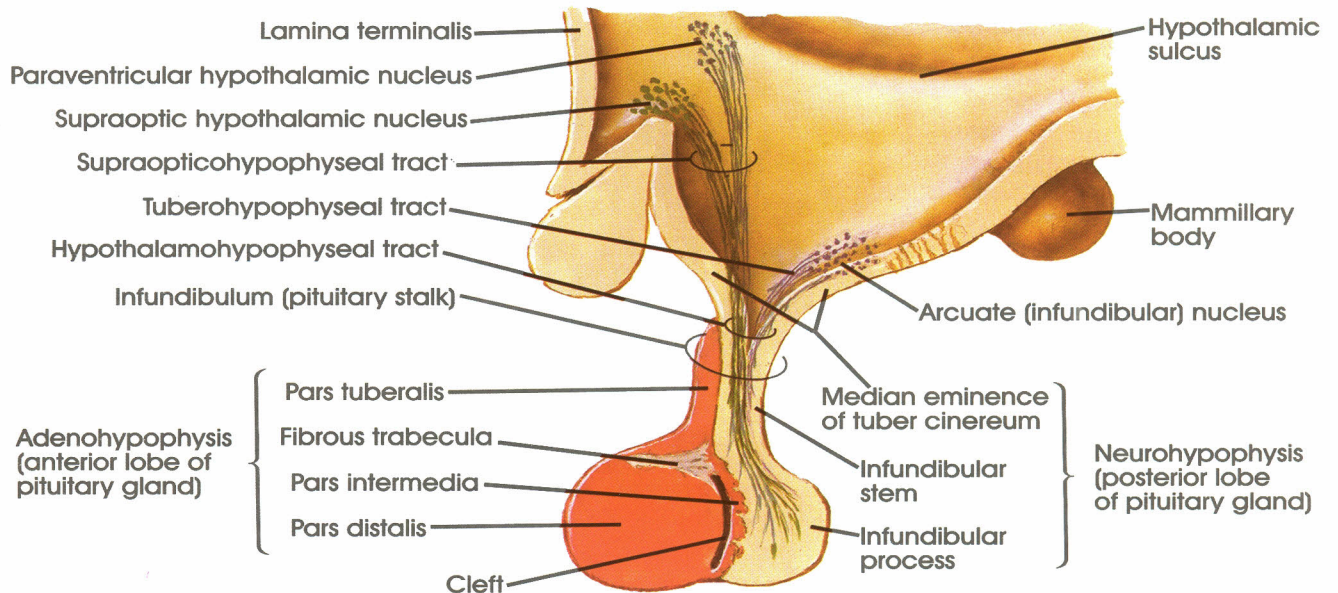
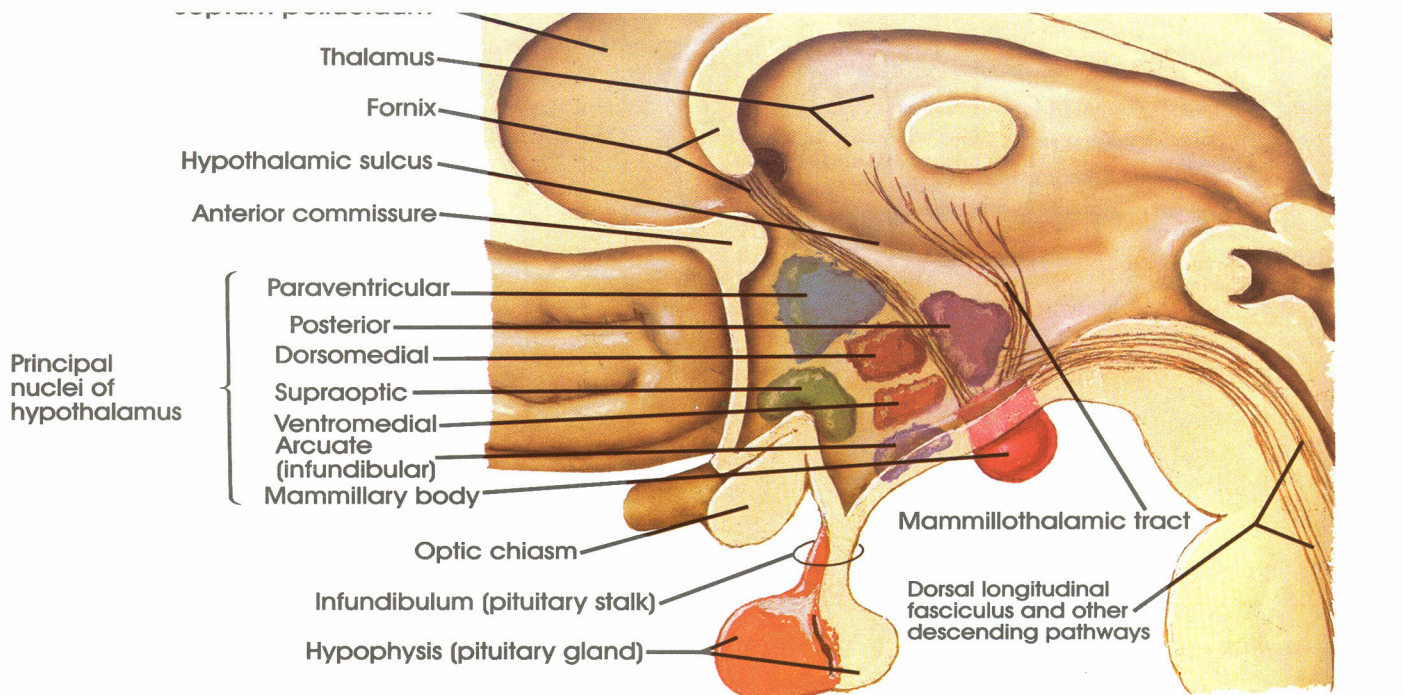


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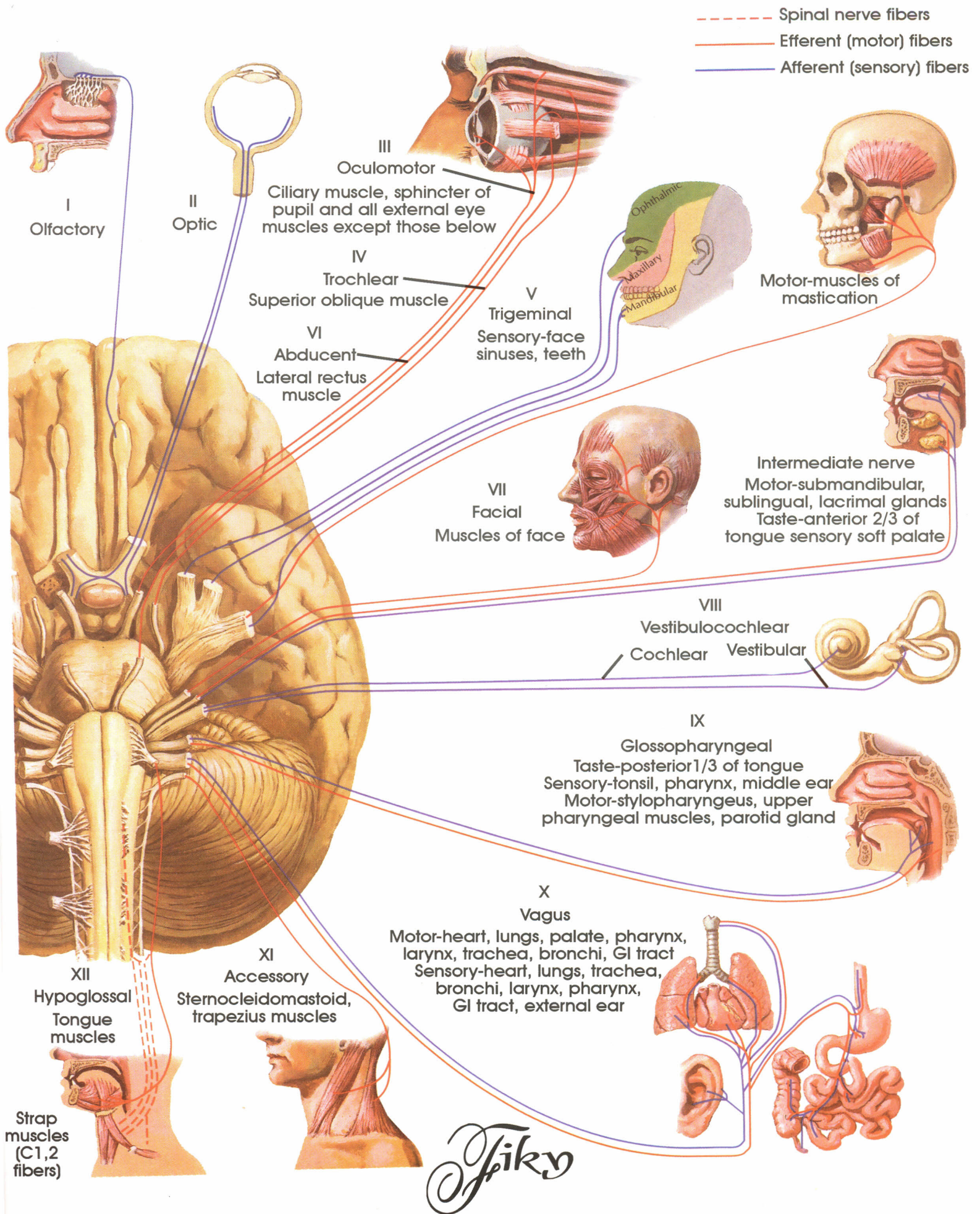
Deep veins of Brain



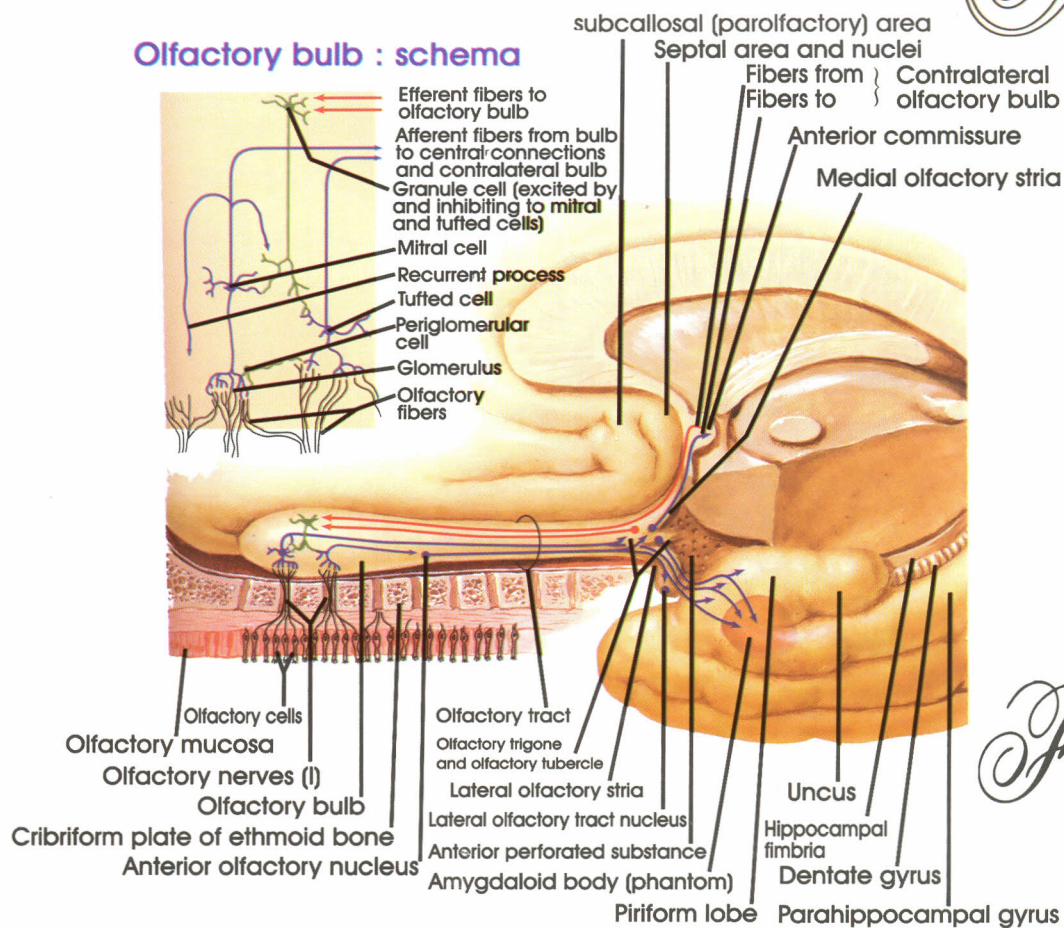
Subependymal veins of brain



Hypothalamus and Pitutary Gland

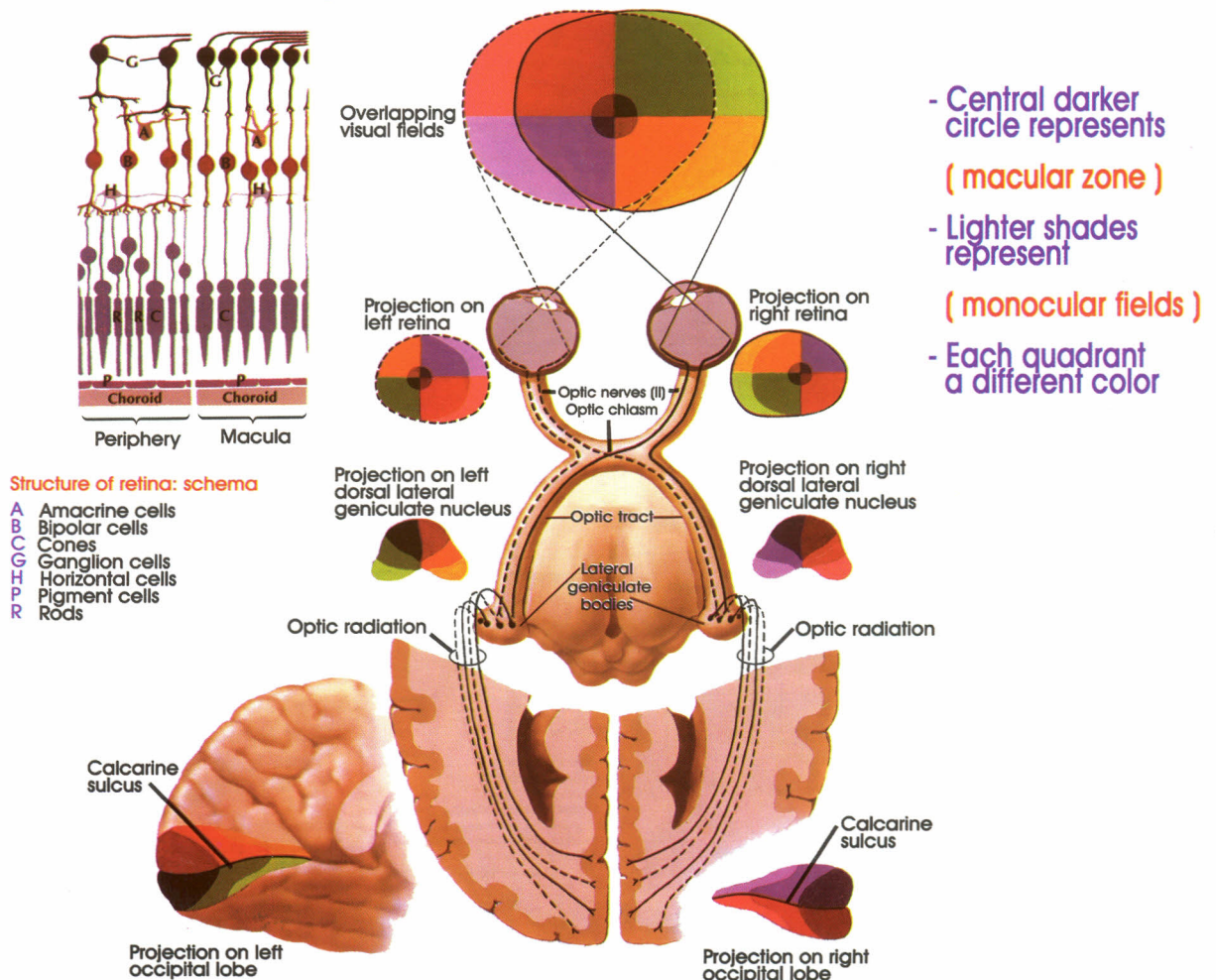


Cranial Nerves (Motor and Sensory distribution): schema

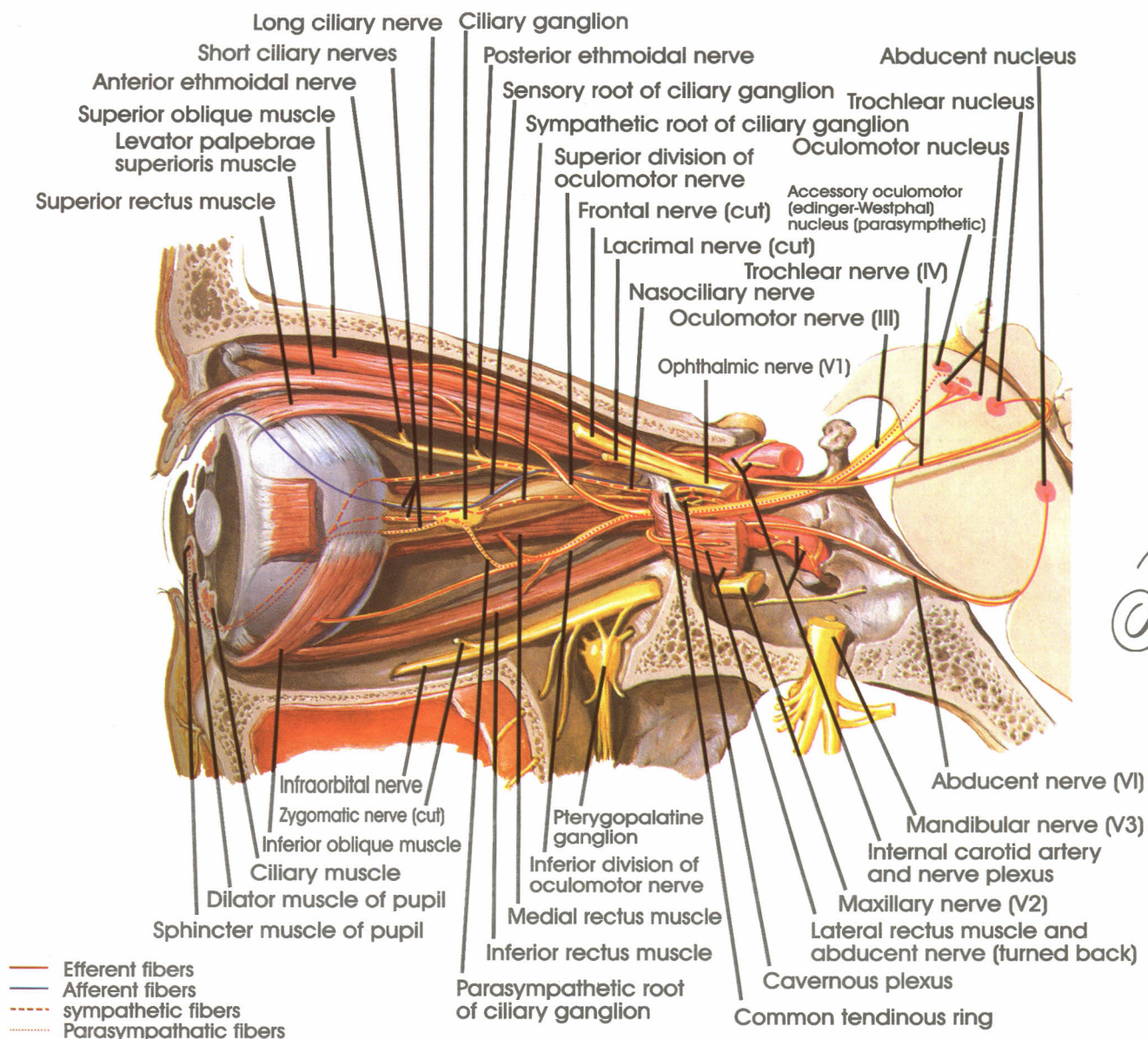


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Olfactory bulb cells: schema

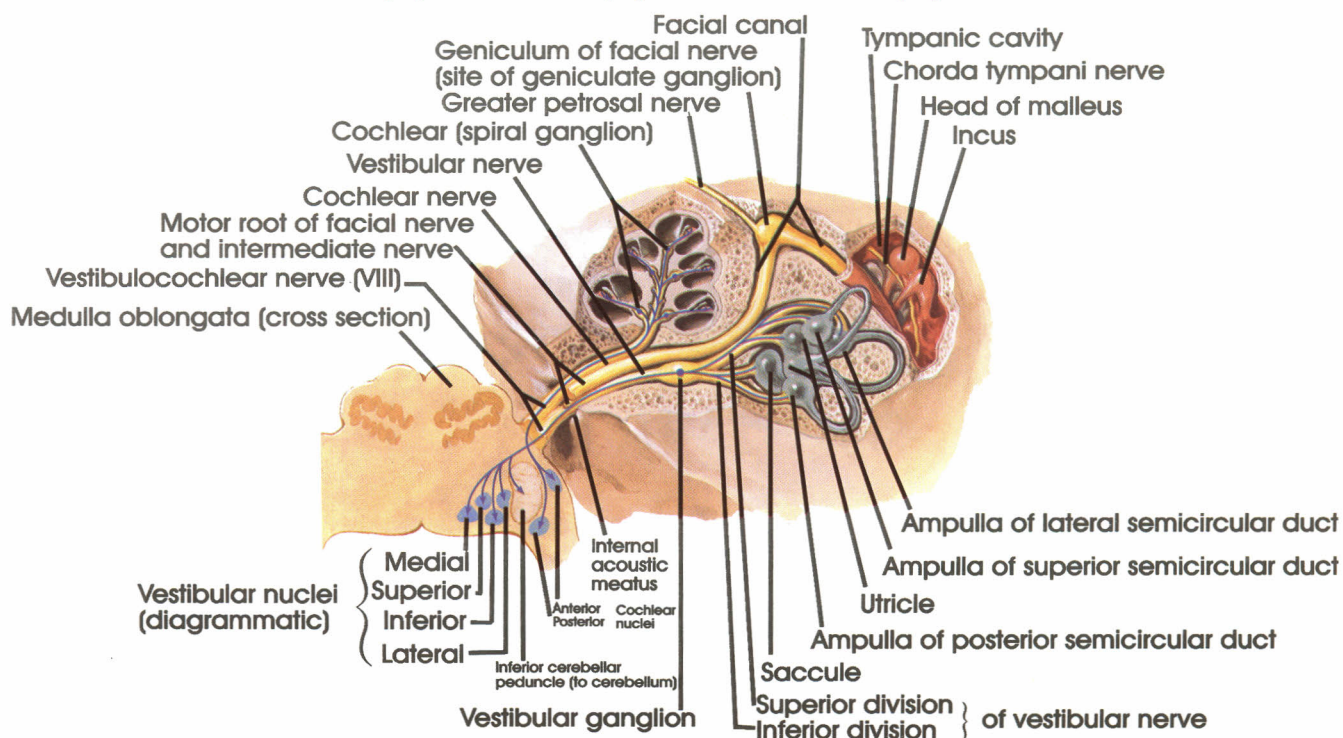


Optic Nerve (II) and Visual pathway Schema

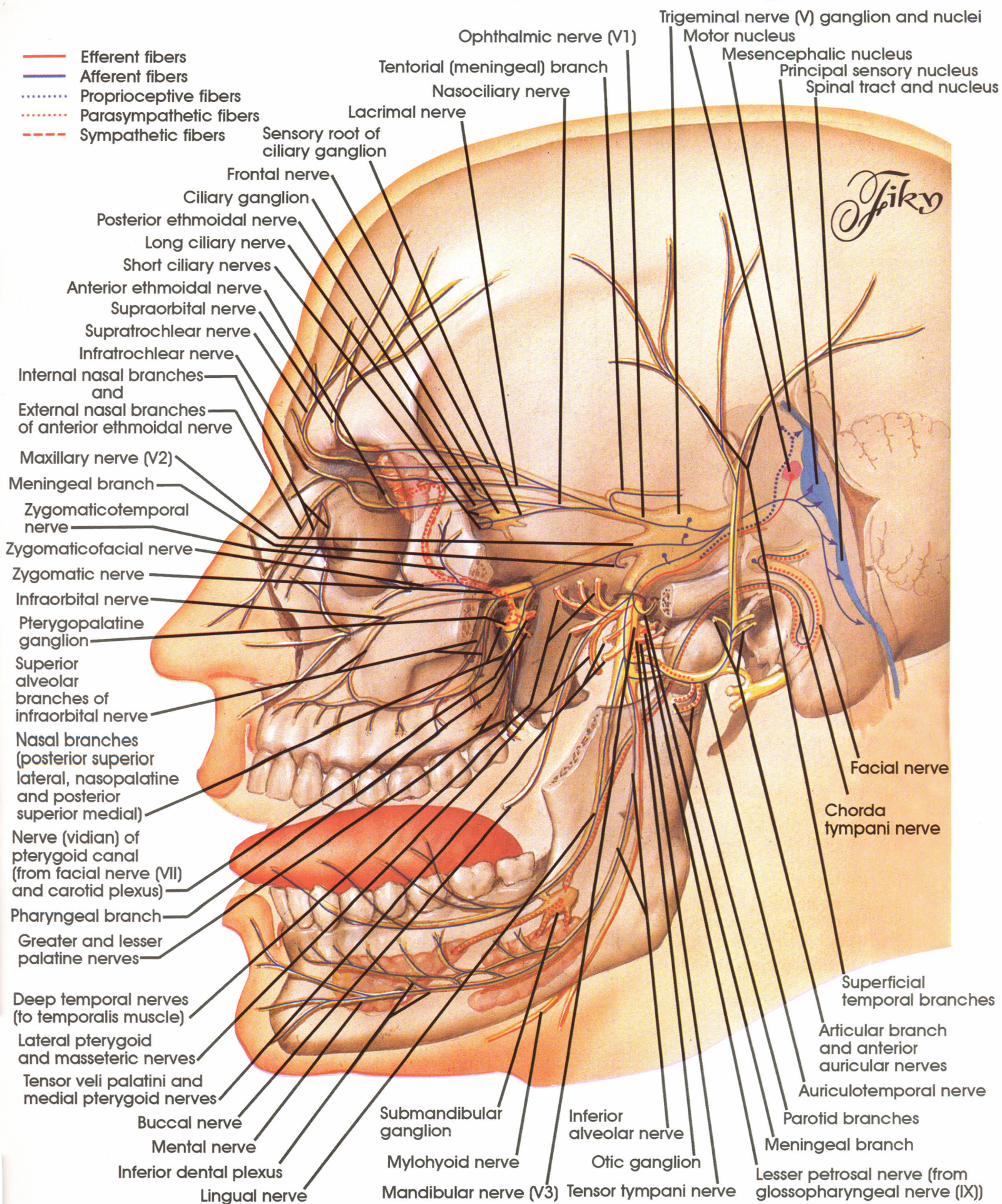


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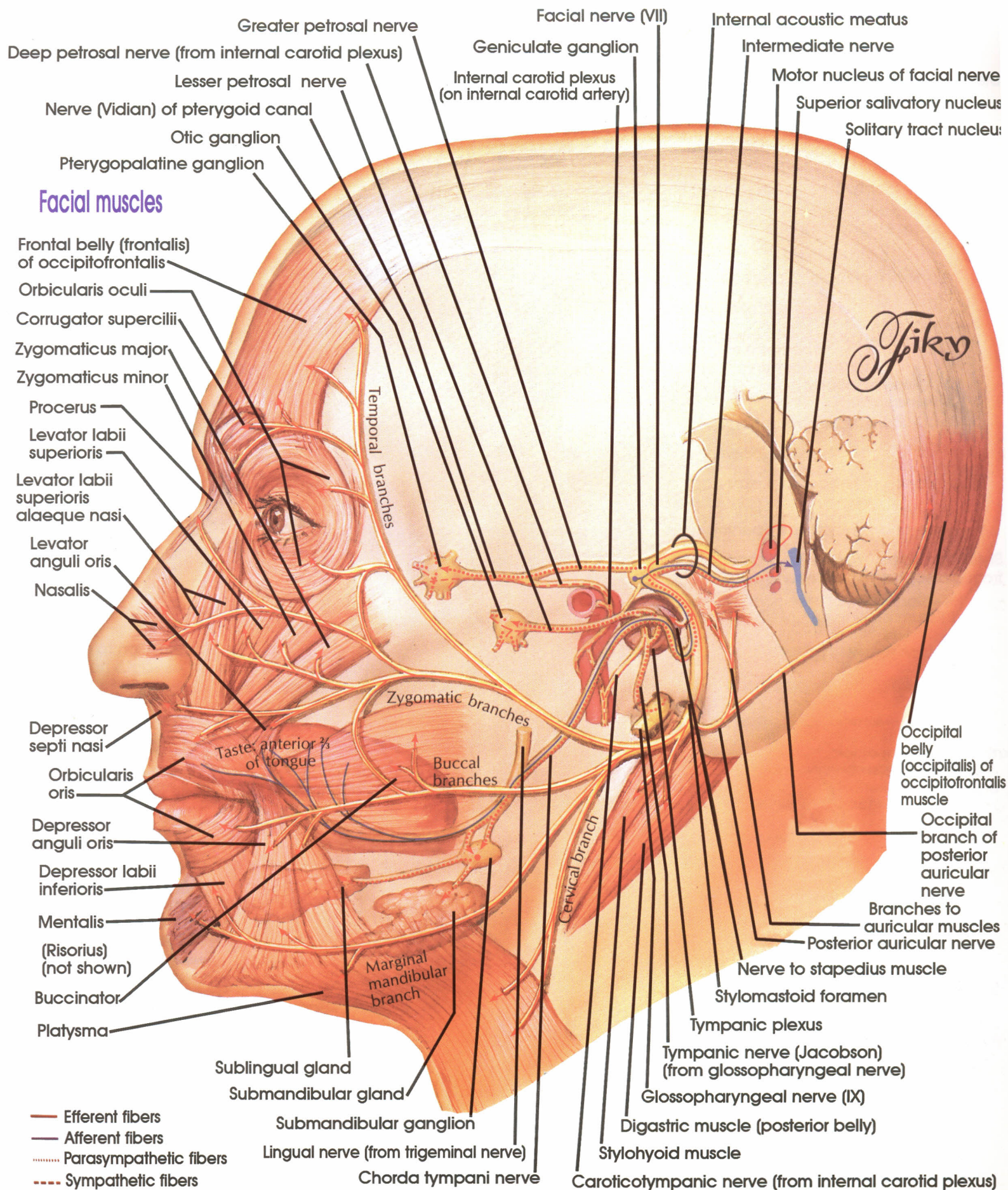
Oculomotor (III), Trochlear (IV) and Abducent (VI) Nerves: Schema



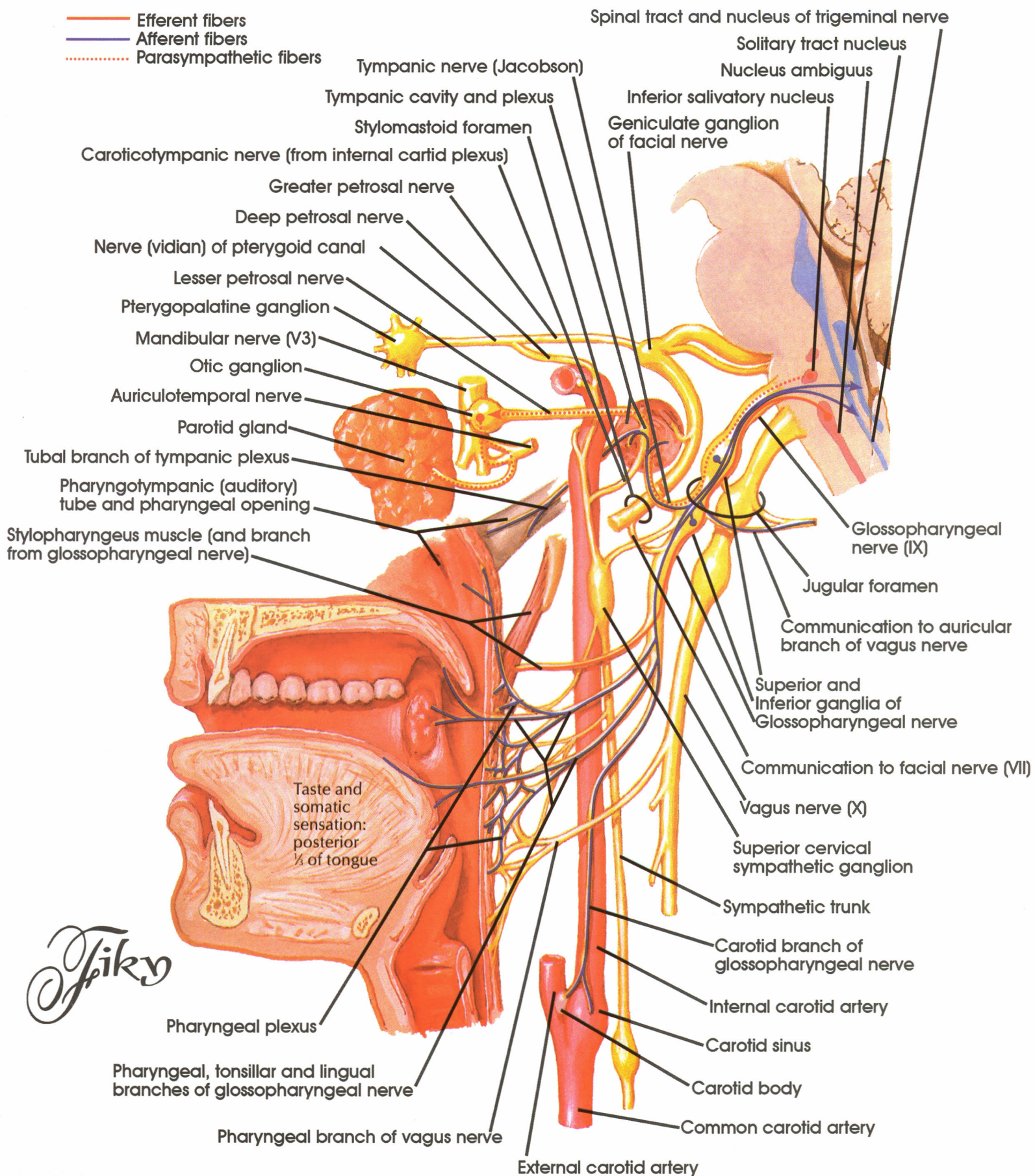
Vestibulocochlear Nerve (VIII): Schema



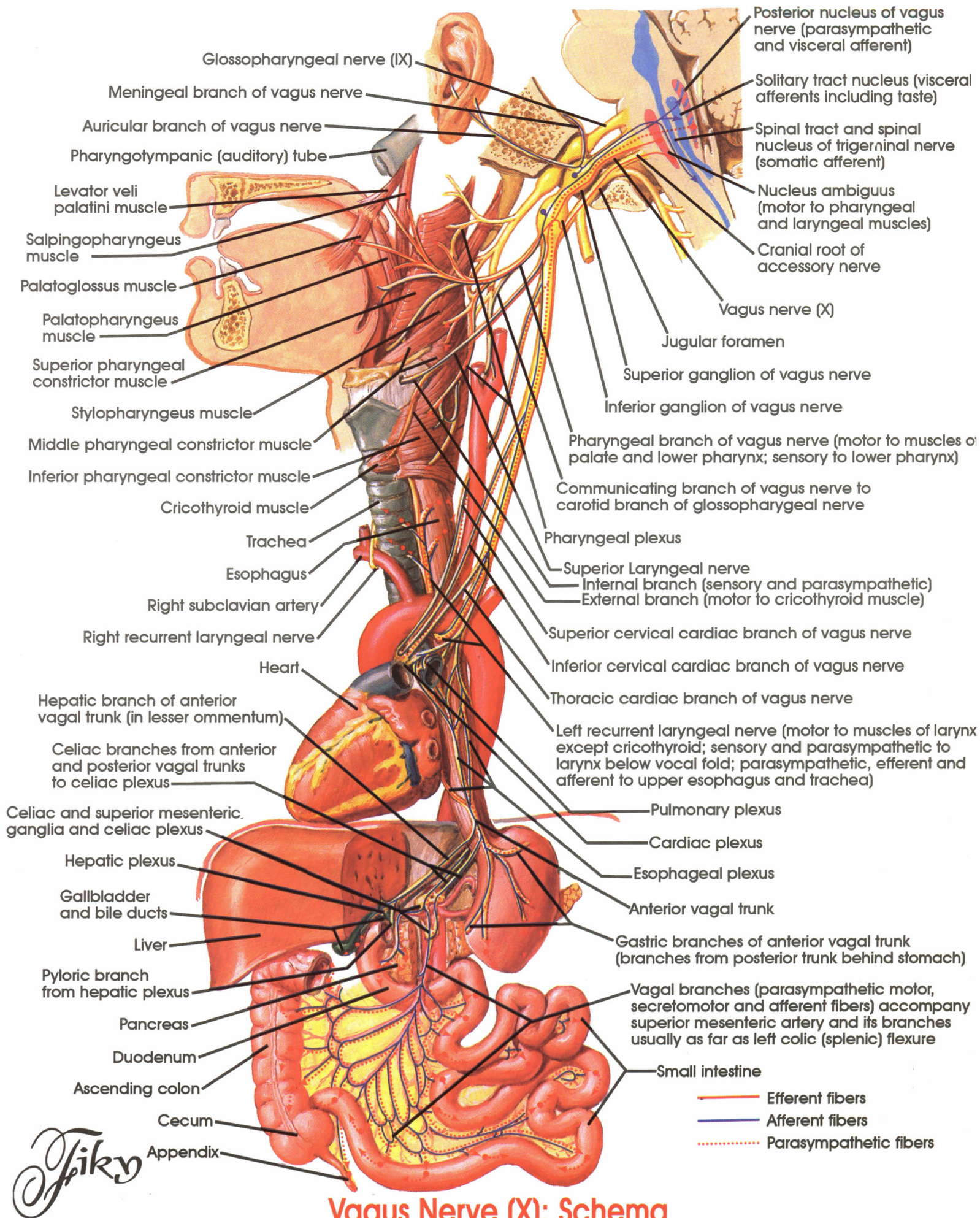
Trigeminal Nerve (V): Schema



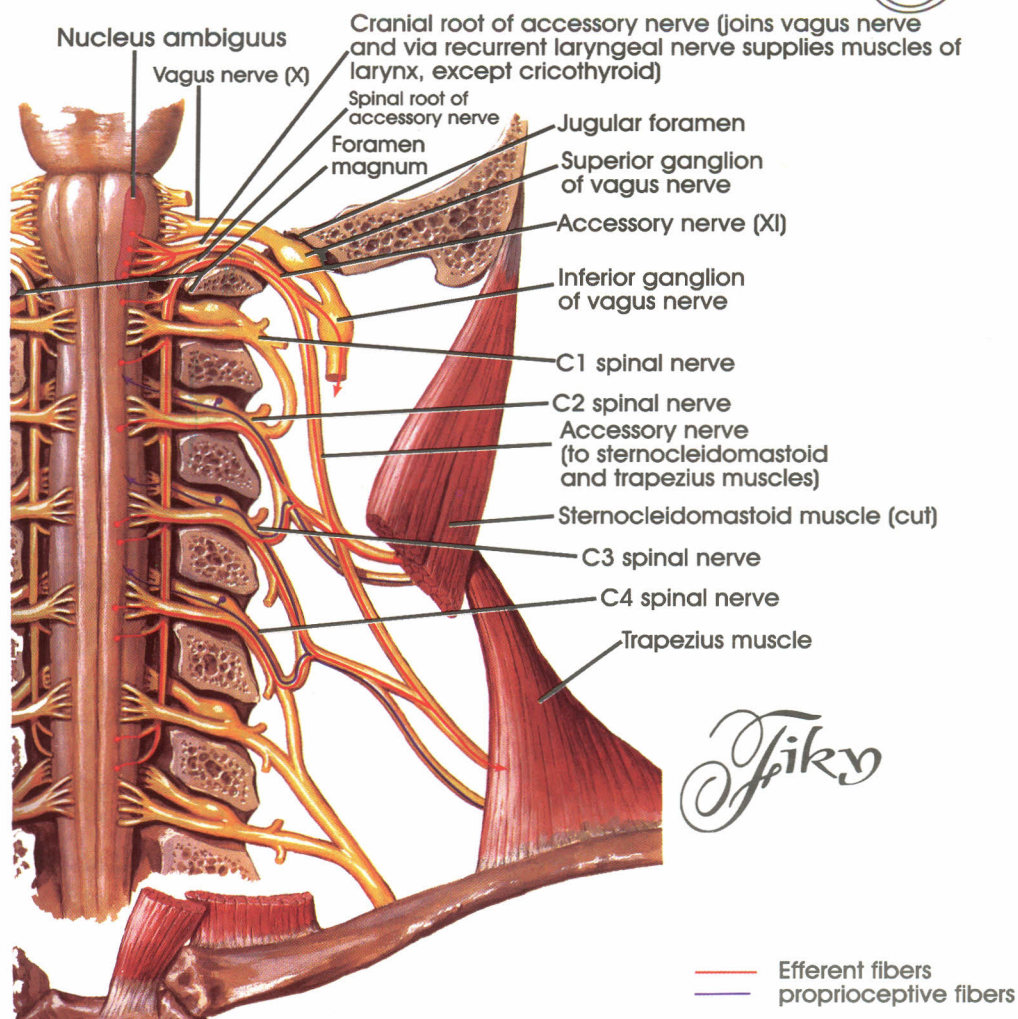
Facial Nerve (VII): Schema



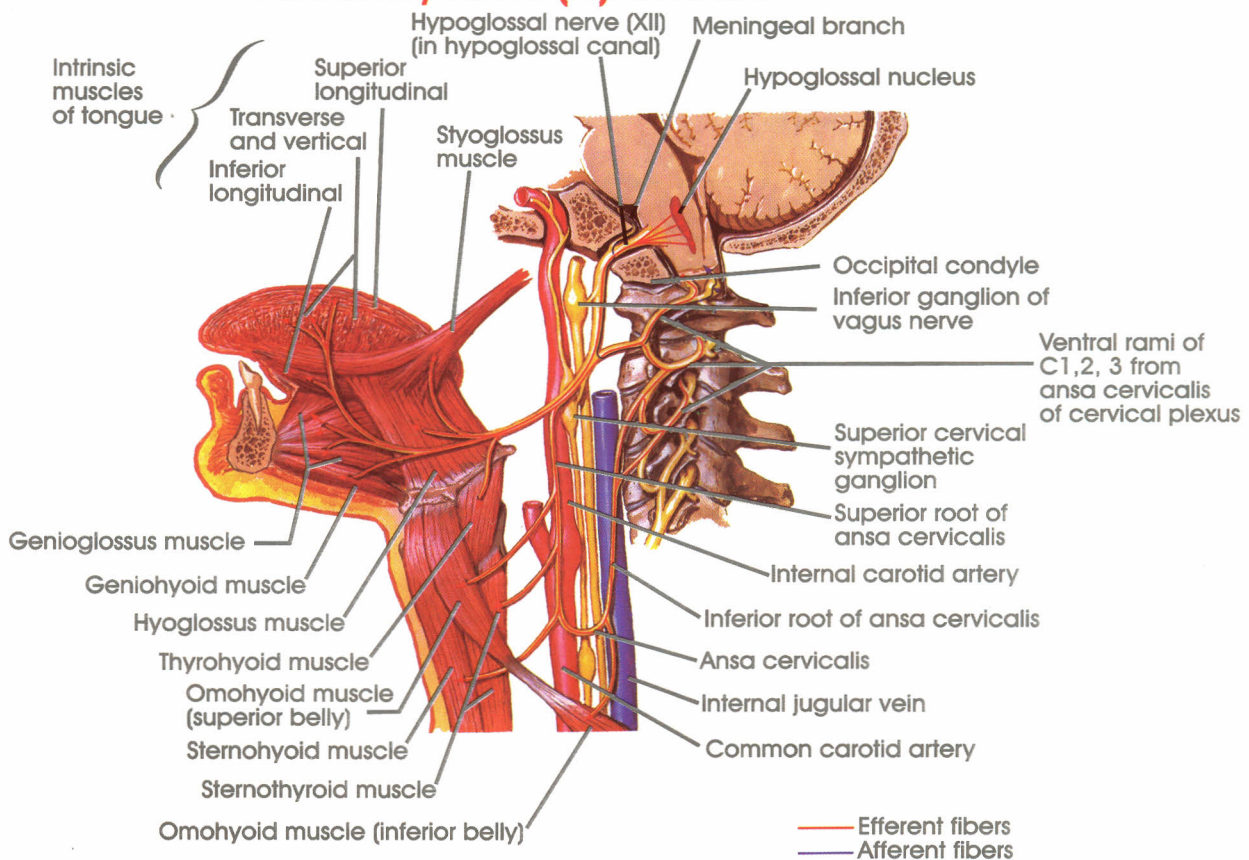
Glossopharyngeal Nerve (IX): Schema



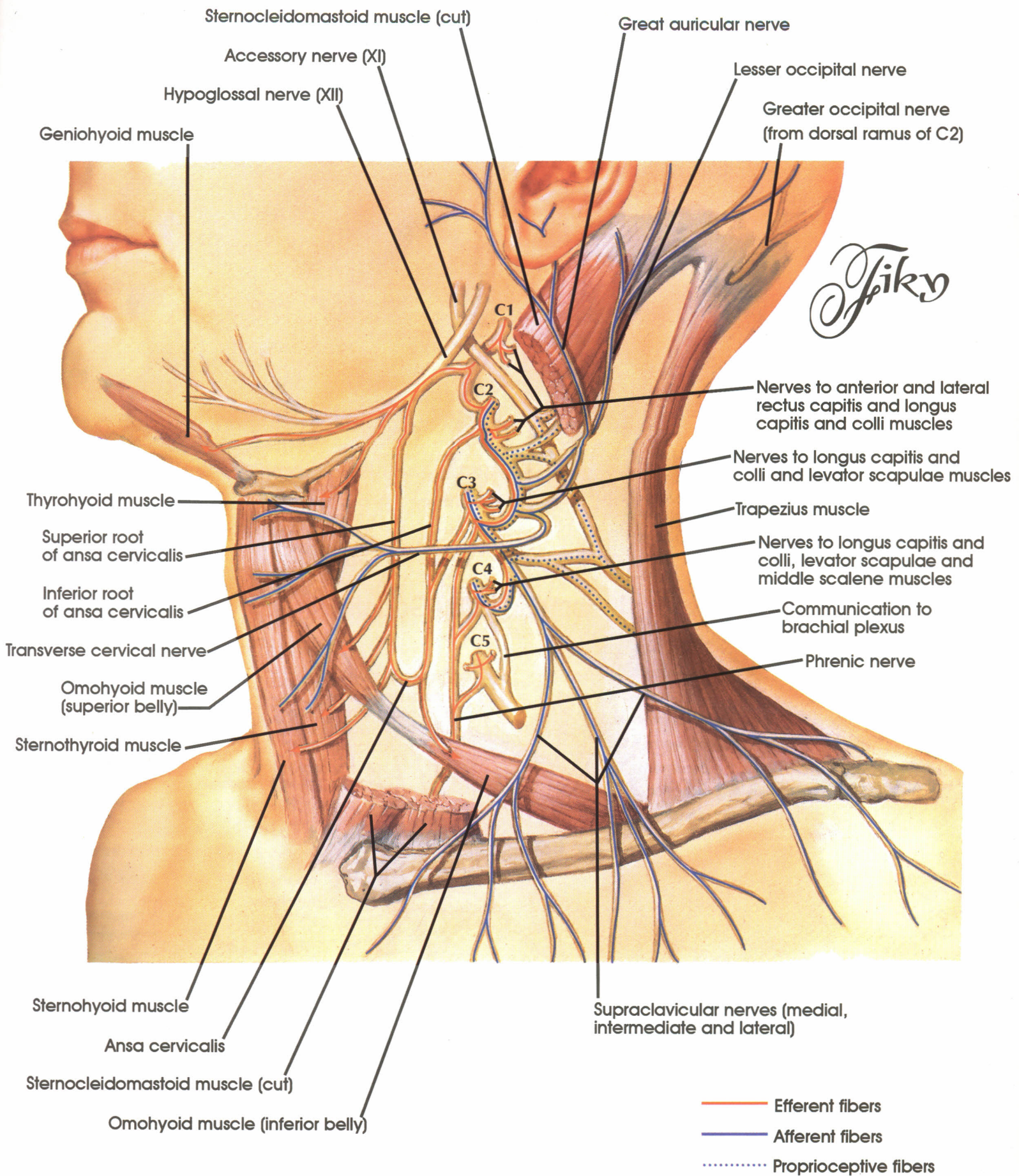
Vagus Nerve (X): Schema



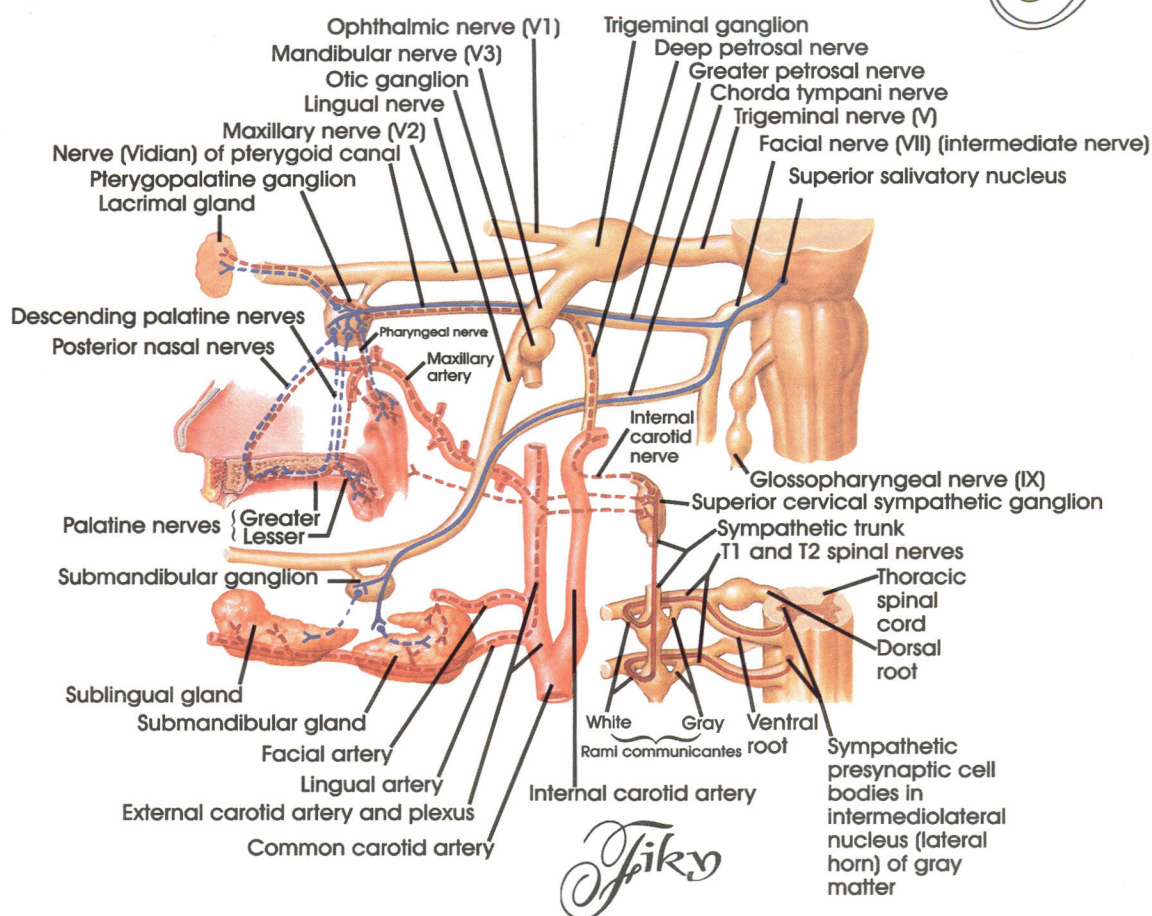
Accessory Nerve (XI): Schema



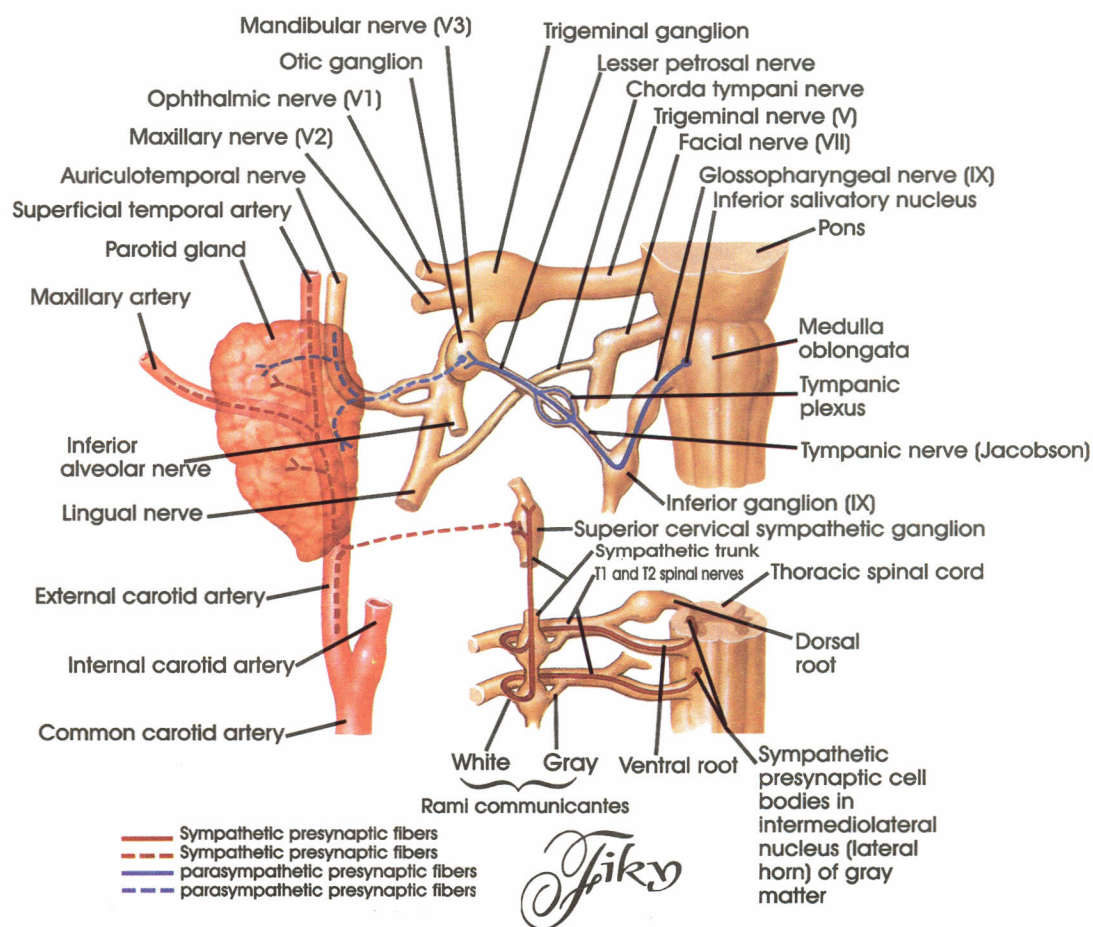
Hypoglossal Nerve (XII): Schema



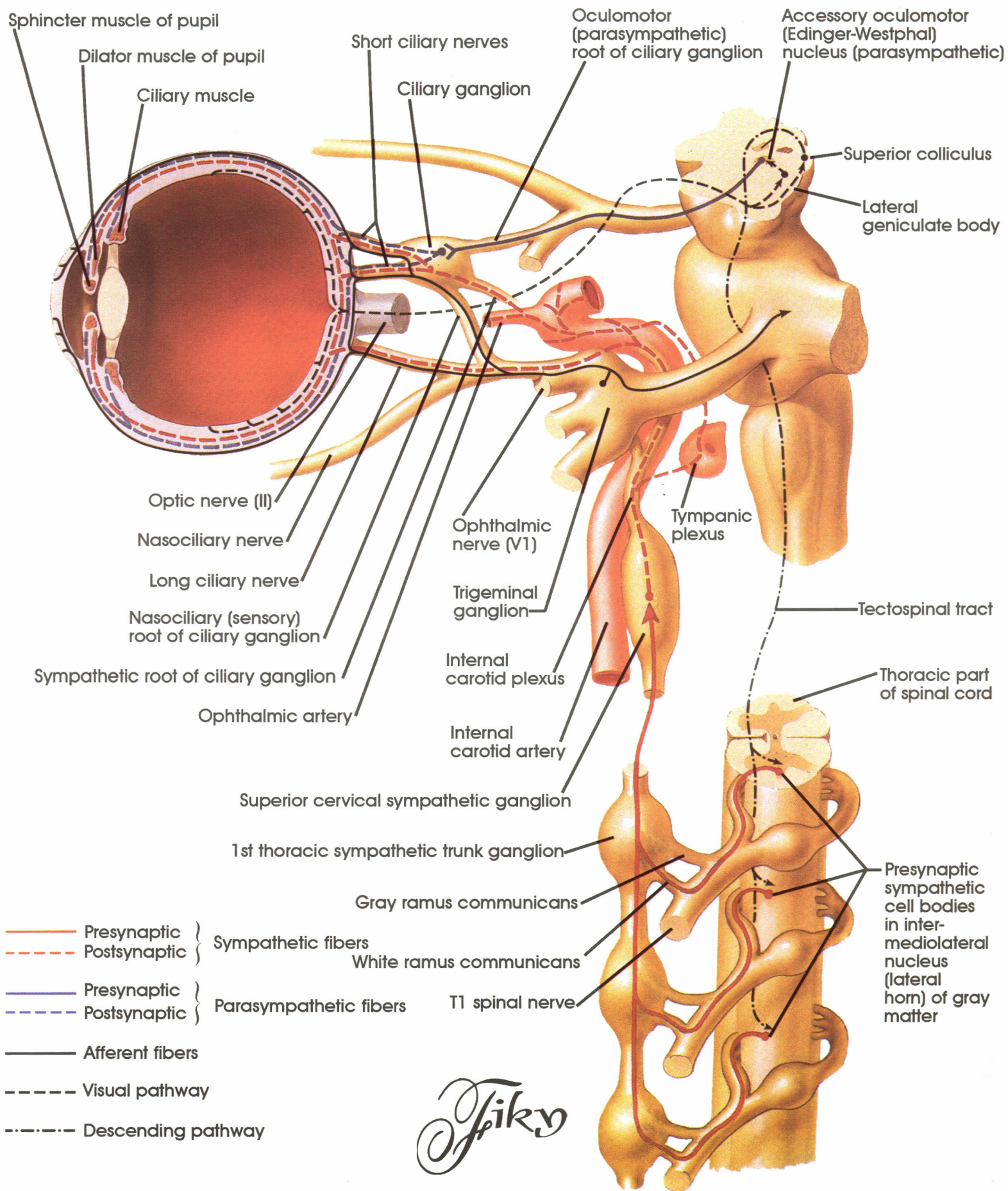
Cervical Plexus: Schema



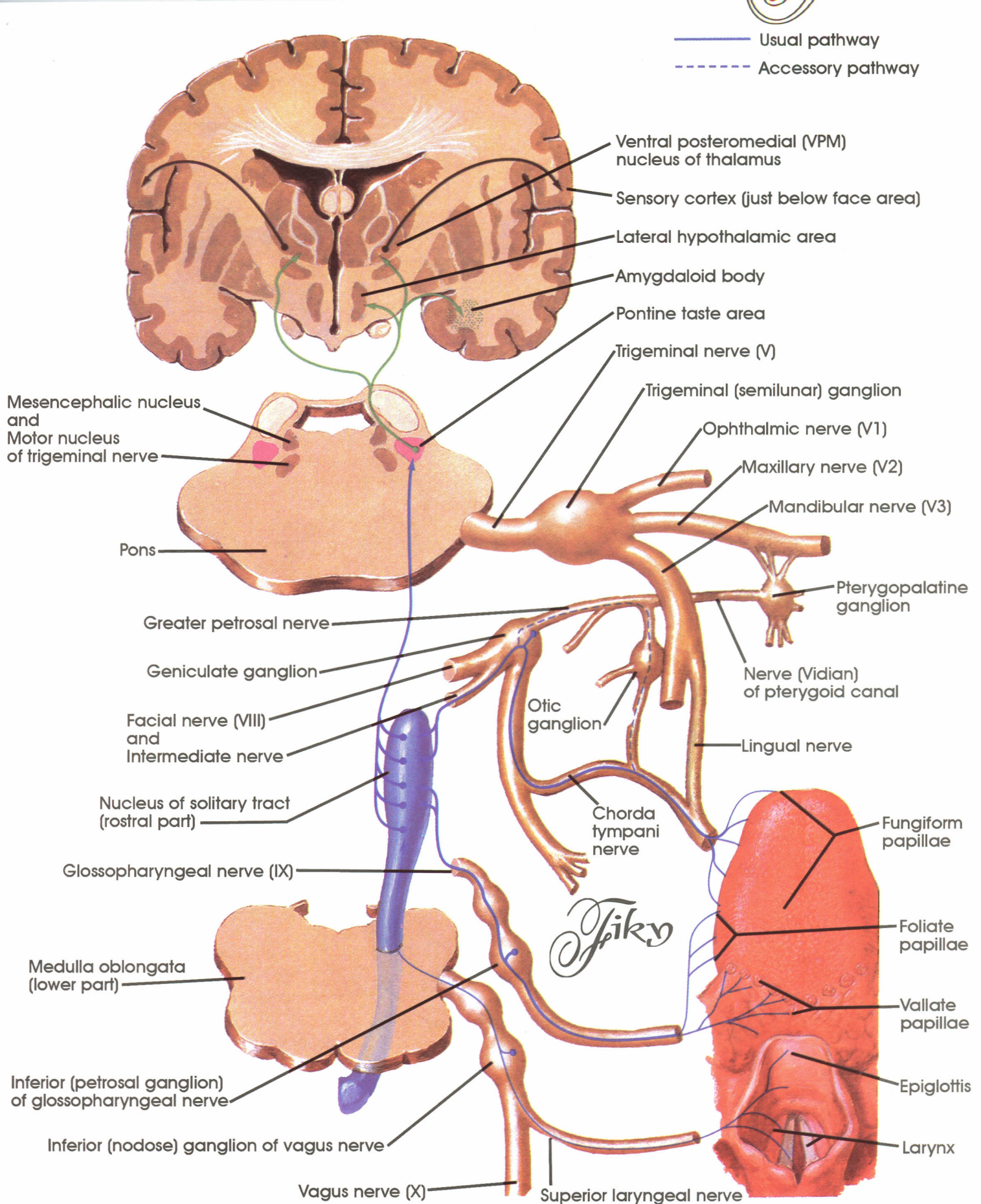
Pterygopalatine and submandibular Ganglia: Schema



Otic Ganglion: Schema

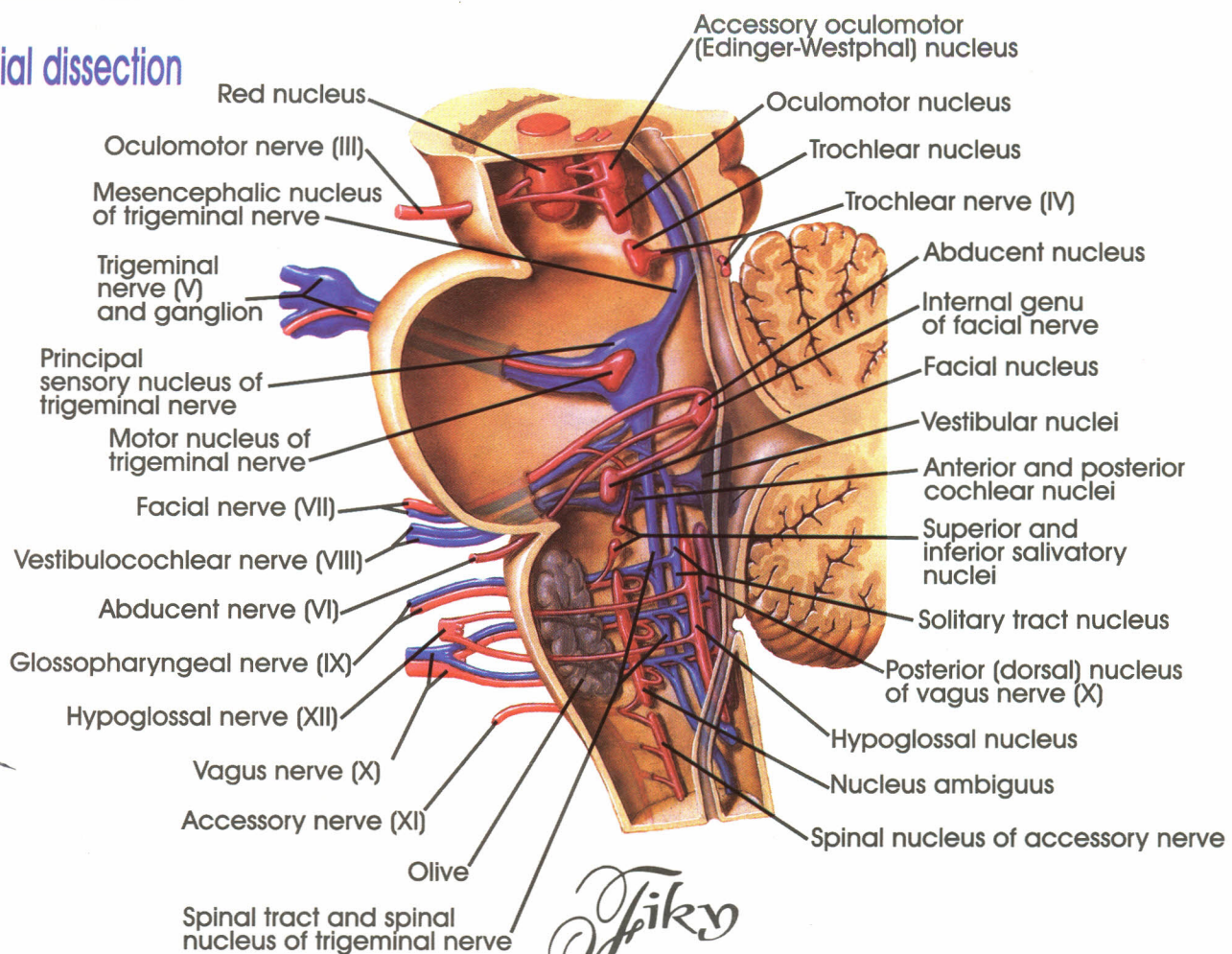


Ciliary Ganglion - Schema

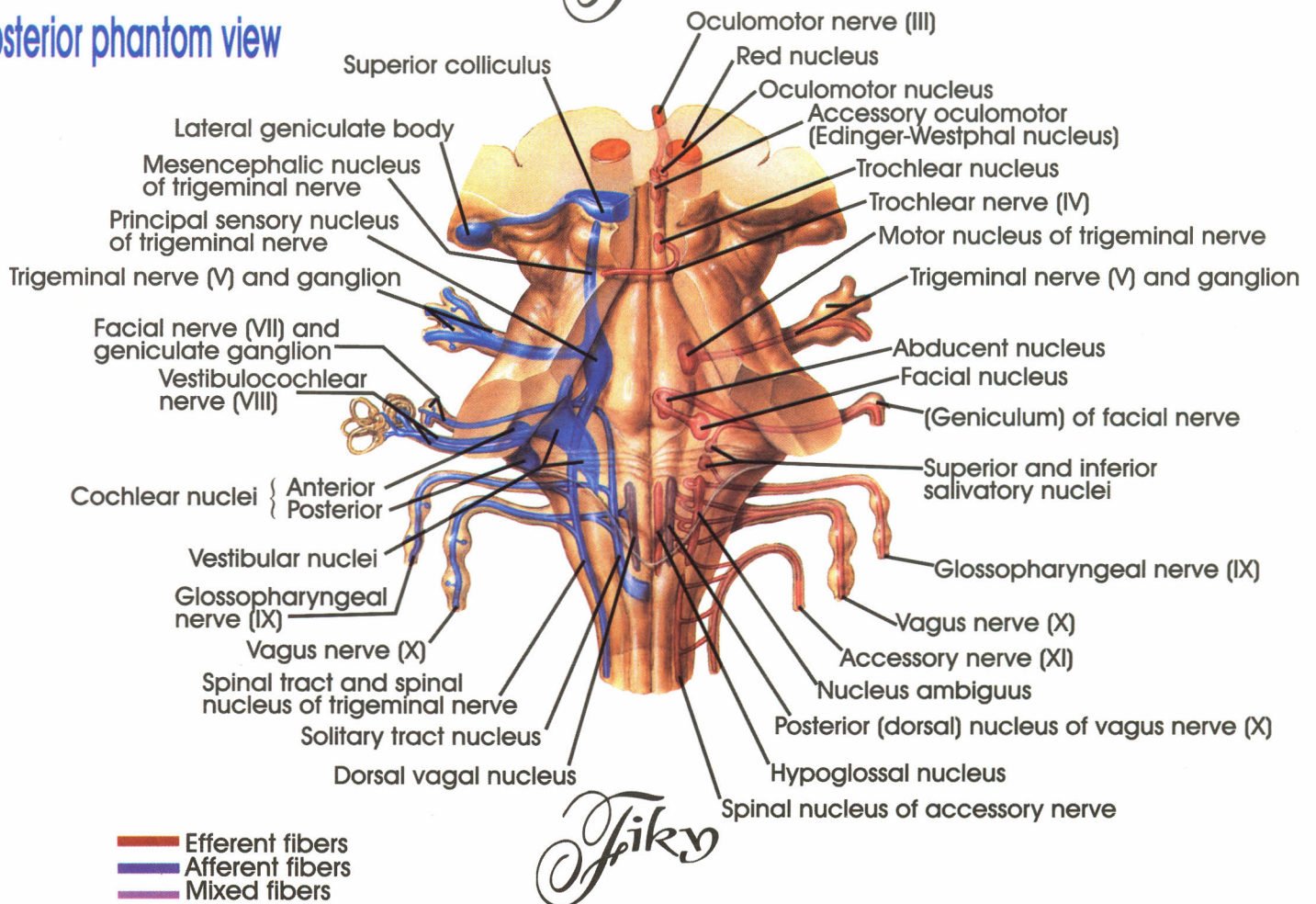


Taste Pathways: Schema

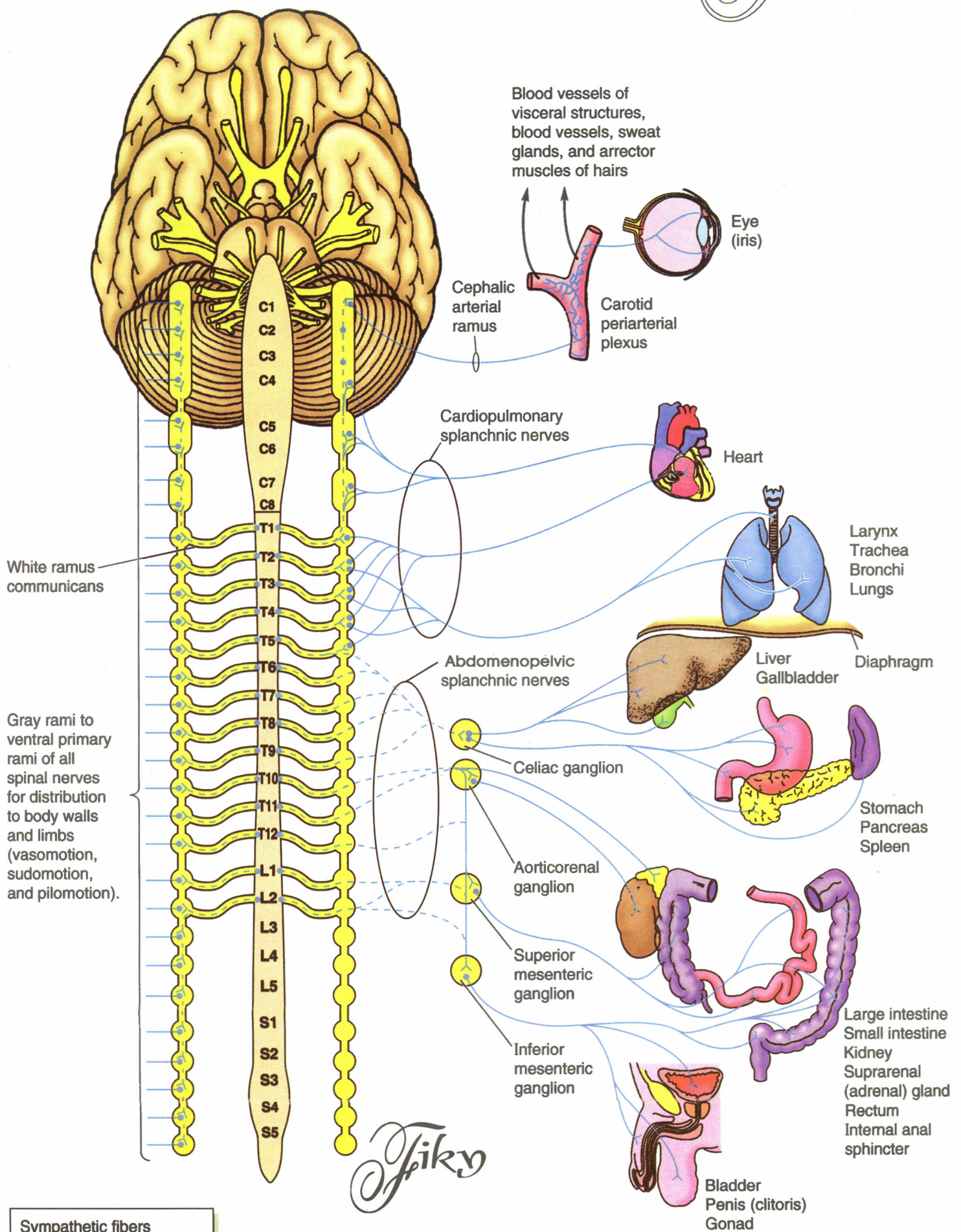
Medial dissection



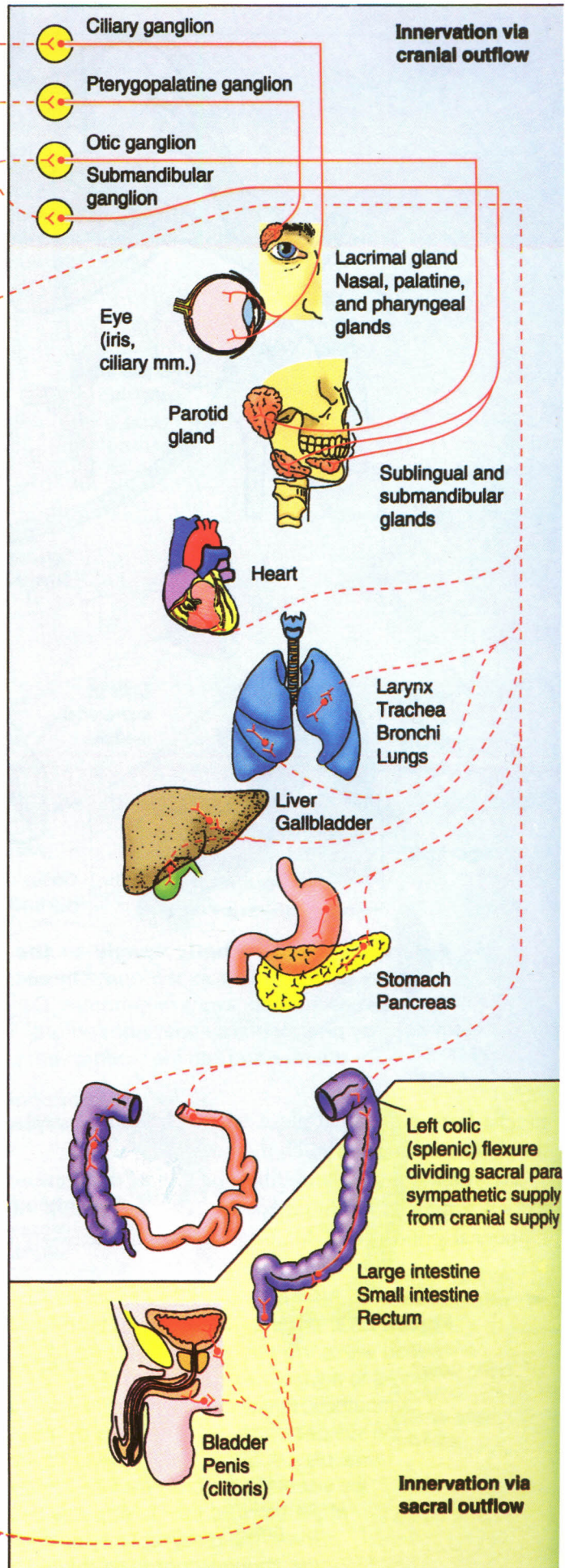
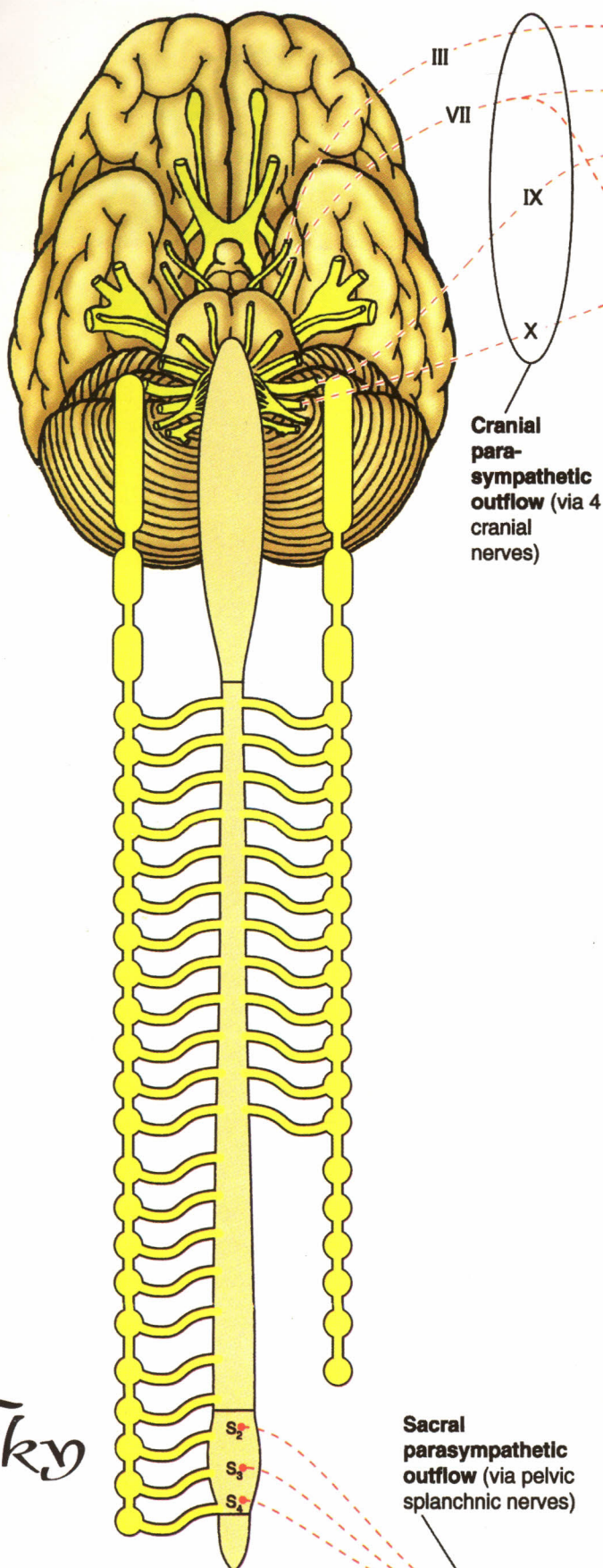
Posterior phantom view



Cranial Nerve Nuclei



Sympathetic Outflow



Parasympathetic Outflow

FIKY'S

MINI ATLAS OF
ANATOMY



FIKY'S MINI ATLAS:

- 1- Part I thorax & vertebral column.
- 2- Part II abdomen , pelvis & perineum.
- 3- Part III upper limb.
- 4- Part IV lower limb.
- 5- Part V head and neck.
- 6- Part VI neuroanatomy.

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